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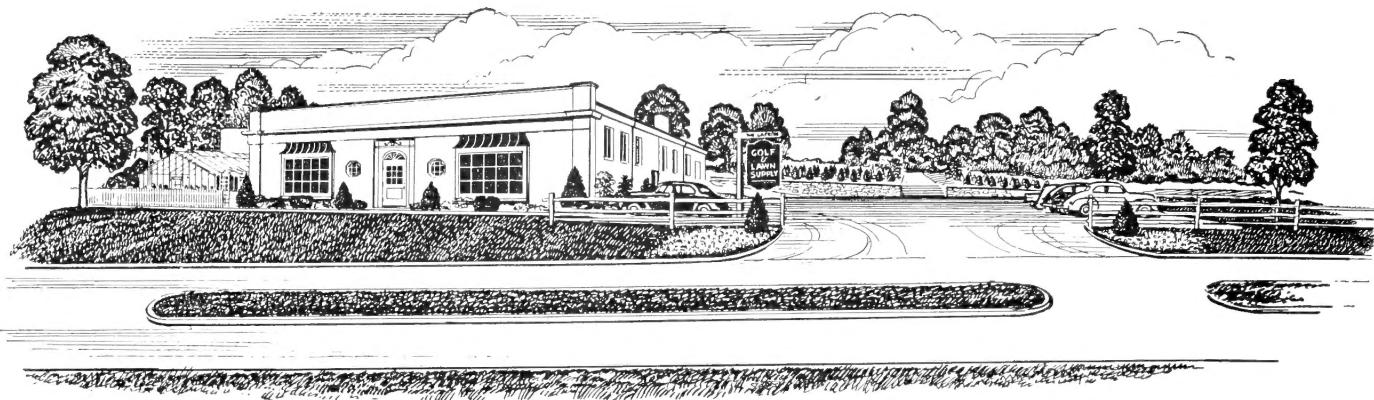


The GARDEN HANDBOOK

THE LAFKINS • GOLF & LAWN SUPPLY CORPORATION

MAMARONECK AVENUE AT ROSEDALE • WHITE PLAINS • NEW YORK

WHITE PLAINS 9-0180 • SCARSDALE 3-4600



A new gardening season is just ahead. Here at "THE GARDENER'S CLUBHOUSE" we hope you will find everything, to make your garden and lawn the finest ever. Whatever your interest in gardening, the seed, tool or chemical is here to speedily execute your plans.

Now that Mamaroneck Avenue is a beautiful new dual-lane highway, we hope you will visit us often. We shall do our best to make each visit here informative and worthwhile.

Sincerely,

The Laffins

HOW TO DRIVE TO GOLF AND LAWN SUPPLY CORPORATION

FROM WHITE PLAINS

Drive out Mamaroneck Avenue to the east, follow the new dual highway for 2 miles. Our store is on your right, just before the traffic light at Rosedale Avenue.

VIA HUTCHISON RIVER PARKWAY

Turn off parkway at Mamaroneck Avenue, and drive west, toward White Plains. Our store is on your left, just after the traffic light at Rosedale Avenue.

FROM SCARSDALE

Starting at Palmer Avenue and Old Mamaroneck Road, drive east to Saxon Woods Road, and turn left. This takes you to Mamaroneck Avenue, right near our store.

NEW ERA in Home Gardening

In recent years science has been applied to the art of tilling the soil, with startling results. We can now fumigate our garden soils to destroy insects, diseases and weed seeds. Chemicals for weed control almost supplant cultivation of some crops. Other potent new chemicals destroy insects and prevent destructive disease from attacking plants. Fungicides coat seeds to prevent them from destruction by damping-off organisms in the soil. Pellatizing small seeds makes uniform planting much easier, germination more certain. Soil aeration tools by their mechanical earthworm action enable us to cultivate our lawn soils, promoting deeper rooting and moisture conservation. The number of products which science has brought to agricultural practice are numerous and have contributed much to the tremendous productivity of large farms as well as home gardens. Each makes the task easier, our efforts more productive.

Since fine turf is one of our major interests you will find on display here, in addition to our WESTCHESTER GREEN lawn, individual plots of many different grasses, including each of the varieties used in WESTCHESTER GREEN. Other grasses in the display plots include some whose commercial introduction is still in the future, but which offer great promise for lawn improvement.

The GARDEN HANDBOOK

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Grass seed, flower seed, vegetable seed and bulbs shipped prepaid anywhere in the U. S.

Fertilizers and peat moss delivered only in Westchester County. Purchaser pays transportation beyond our delivery zone.

On implements to be sent outside our delivery area purchaser pays transportation.

No plant material shipped outside our delivery area in Westchester County.

WARRANTY: Golf and Lawn Supply Corporation warrants to the extent of the purchase price that seeds or bulbs sold are as described on the container within recognized tolerances. Seller gives no other or further Warranty, expressed or implied.

TERMS: Unless purchaser has established charge account, check must accompany order. We do not make C.O.D. shipments.

ALL PRICES SUBJECT TO CHANGE
WITHOUT NOTICE

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White Plains, N. Y.*

Lawn Seeds

WESTCHESTER GREEN MIXED LAWN SEED



This superior lawn seed mixture is our own trademarked brand and we can proudly say we shipped WESTCHESTER GREEN into 38 states last year. This mixture is composed en-

tirely of permanent turf-forming grasses of fine texture, so compounded that almost an equal number of plants are supplied from its various constituents. We sincerely believe it to be the finest lawn seed mixture made today. If we could make it any better we would do so. WESTCHESTER GREEN contains 34.30% Illahee Fescue, 34.30% Chewings Fescue, 19.60% Kentucky Blue Grass and 9.80% Colonial Bentgrass.

SCARSDALE GREEN MIXED LAWN SEED



A secondary mixture of high quality, blended for tough conditions and soils which are not perfect for good lawns. This seed mixture is especially recommended for terraces and banks, playgrounds and athletic fields or any area which gets a lot of traffic. SCARSDALE GREEN is compounded of 58.80% Chewings Fescue, 4.90% Bentgrass, 9.70% Kentucky Blue Grass, 24.50% Perennial Ryegrass and not more than 1.85% inert and 0.25% weed seed. With its high percentage of shade and drouth tolerant Chewings Fescue, SCARSDALE GREEN is equally at home in moderate shade or full sun.

Lawn Seed Prices

| | 1-lb. | 5-lbs. | 10-lbs. | 25-lbs. | 50-lbs. | 100-lbs. |
|---|--------|--------|---------|---------|-------------------|----------|
| WESTCHESTER GREEN..... | \$1.25 | \$6.25 | \$12.25 | \$29.50 | \$58.00 | \$115.00 |
| SCARSDALE GREEN..... | .95 | 4.75 | 9.40 | 23.00 | 45.00 | 88.00 |
| SEPARATE VARIETIES OF LAWN GRASSES | | | | | | |
| —All high purity and germination. | | | | | | |
| Colonial, Highland, Astoria and Seaside Bent-grass..... | 2.00 | 9.75 | 19.00 | 46.00 | 90.00 | 150.00 |
| Raritan Velvet Bentgrass..... | 3.50 | 17.00 | 33.50 | | Quantity limited. | |
| Red Top..... | 1.10 | 5.25 | 10.25 | 25.00 | 47.50 | 90.00 |
| Chewings Fescue..... | 1.10 | 5.25 | 10.25 | 25.00 | 47.50 | 90.00 |
| Illahee Fescue..... | 1.30 | 6.25 | 12.25 | 28.75 | 55.00 | 105.00 |
| Kentucky Bluegrass (Heavy)..... | 1.25 | 6.00 | 11.75 | 27.50 | 53.00 | 100.00 |
| Poa Trivialis..... | 1.25 | 6.00 | 11.75 | 27.50 | 53.00 | 100.00 |
| Perennial Ryegrass..... | .60 | 2.75 | 5.00 | 11.25 | 21.00 | 40.00 |
| Wild White Clover..... | 2.25 | 11.00 | 21.50 | 52.50 | 100.00 | 195.00 |
| Alta Fescue..... | 1.10 | 5.25 | 10.25 | 25.00 | 47.50 | 90.00 |

Individual Varieties of Grass Seeds

COLONIAL BENTGRASS (*Agrostis tenuis*). A fine textured, hardy, low-growing perennial well adapted for mixing with other grasses for lawns. Upright in growth, its rich green color makes beautiful lawn turf. Seeds of the bentgrasses run about 8 million to the pound.

ASTORIA BENTGRASS. Essentially the same as Colonial Bentgrass.

HIGHLAND BENTGRASS. Classed as a variety of Colonial Bentgrass but has a slightly different color and habit of growth.

SEASIDE BENTGRASS. The only true creeping bent which is available from seed. All other strains of creeping bent are propagated from stolons. Seaside forms a matted turf or sod, requiring frequent and close cutting.

RARITAN VELVET BENTGRASS. A very fine leaf type of brilliant green color. Quite dwarf in habit of growth. This variety is particularly recommended for shady areas where the soil is fertile.

RED TOP. A grass with a creeping habit of growth, which makes a coarse, loose turf. The leaves are about $\frac{1}{4}$ inch wide and the stems are slender. It will grow on soil deficient of lime where other grasses fail, on wet land and is drought resistant.

CHEWINGS FESCUE. This strain of fescue does not creep but is upright in growth. Blades are fine and a good dark green color. Tolerant of dry soils and moderate shade. Chewings Fescue has always been one of our favorite grasses.

ILLAHEE FESCUE. A new strain of red fescue which creeps by underground stems. The narrow, fine leaves have a bright green color. The plant is vigorous and tolerant of shade and dry soils.

ALTA FESCUE. A deep-rooted, tufted, long-lived perennial grass with many leaves coming from the crown of the plant, which are shiny, dark green and broad. Adapted to a diversity of soils and forms long, deep roots in extremely heavy clay.

KENTUCKY BLUE GRASS (*Poa pratensis*). A long-lived perennial that is easily identified by its boat-shaped leaf tip and dark green color. Bluegrass creeps by underground rhizomes. It is dormant during exceptionally hot, dry periods of Summer and turns brown unless ample water is applied. It is quite attractive in Spring and Fall and remains more or less green in Winter if properly managed and fertilized. Bluegrass is a heavy feeder and thrives on ample supplies of fertilizer.

POA TRIVIALIS (Rough-stalked bluegrass). Has no creeping rootstocks but is most adaptable in shady areas where soil is moist and fertile.

PERENNIAL RYEGRASS. The plant is a tufted, short-lived perennial, with numerous long, narrow leaves near the base of the plant. The under surface of the leaves is bright and glossy. Germinates and grows quickly forming cover while slower-growing grasses are getting established.

WILD WHITE CLOVER. This clover has smaller leaves, stems and flower heads than the White Dutch clover. It is a true perennial and spreads by surface runners which root at the joints and therefore can survive indefinitely without reseeding. Thrives on fertile soils with a reasonable amount of moisture.

We are located in the heart of beautiful Westchester County, New York. Here on about two acres of land you will find a WESTCHESTER GREEN lawn, plus separate plots of all the individual varieties of lawn grass we sell and some which may be the turf grasses of the future. You are invited to inspect these plots. We believe you will find them of interest.



BLADES OF GRASS

is our house organ sent out occasionally to those interested in better lawns and gardens. If you would enjoy receiving these, we will be happy to add your name to our mailing list.

Bulletins on "Making the New Lawn", "The Theory and Practice of Crab Grass Control" and "Renovating the Established Lawn" will be sent upon receipt of your request.

Lawn deterioration is due to a variety of unfavorable conditions. The cause is not always easy to diagnose, but the result is invariably thin, weed infested turf. Soil impoverishment is perhaps the most universal cause of lawn failure, although improper maintenance is a close second. Chinch bugs, grubs of the Japanese and other beetles, extreme shade, acidity, poor water and air drainage and long periods of hot, humid weather, or one of several other possible causes, add their contributions to lawn failures. After May first, avoid renovation of lawns known to have been infested with crab grass the previous year. The newly seeded grasses will be compelled to compete with crab grass before the lawn has a chance to become well established.

ELIMINATE UNFAVORABLE FACTORS FIRST

Adequate sunshine, rainfall or irrigation, favorable temperature and good soil are the basic fundamentals to good lawns. Each of these factors may affect the lawn positively or negatively, depending on the conditions which prevail. Success will depend largely on ability to modify the unfavorable conditions. Excess water must be drained by agricultural tile or other means. Air drainage is important so there is free movement of air over the lawn. Stagnant air can be as bad for good turf in periods of unfavorable weather as excess water.

RENOVATION METHODS

Good results from reseeding the lawn will be determined largely by your ability to create a favorable surface to receive seed. We believe the following procedure will insure good results if each step is done carefully and properly.

FIRST: Aerify with the mechanical earthworm—SOIL-AIRE. It removes narrow cores of earth and makes the lawn soft and porous, also promotes conservation of moisture, deep root systems, modifies heavy soils, puts nutrients in the root zone in all turf areas.

SECOND: Fertilization follows aerification. The choice of fertilizer is largely a matter of personal opinion. As the base material for all lawn fertilization, we favor MILORGANITE, an all-organic plant food. This may be supplemented with bone meal or superphosphate every two years.

If clippings are constantly removed from the lawn, AGROSTOFOD with all its nitrogen derived from organic materials is advisable. Any 5-10-5 commercial fertilizer or any brand name bearing a similar analysis would be entirely satisfactory. Use any of these materials in strict accordance with instructions on the bag.

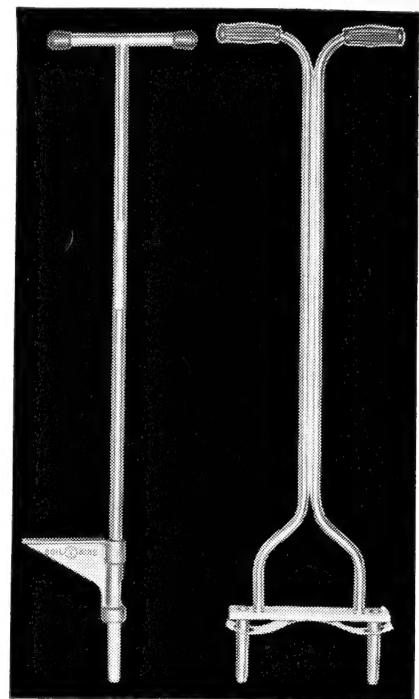
THIRD: Spiking the lawn with the Spike Disc illustrated herein develops a fine seed bed. It helps incorporate the fertilizer, breaks up the surface crust and provides a

Renovating the

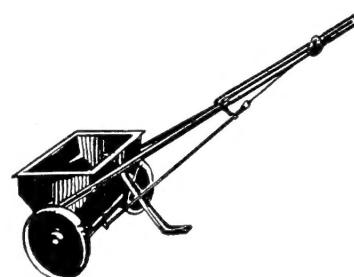
AERIFYING

SOIL-AIRE—THE MECHANICAL EARTHWORM. For over 30 years, golf courses in Great Britain and the United States have used special tools for relieving compacted soil and getting sun, air, food and water down to the roots. Now home owners can have the advantages of this tool on their own lawn. The Soil-Aire removes small cores of earth which makes the lawn soft and porous and grows healthy, vigorous grass.

Precision built of chrome-plated tubular steel. Sent postpaid. Single tine model—\$3.95; Deluxe double-tine model—\$6.95.



FERTILIZING

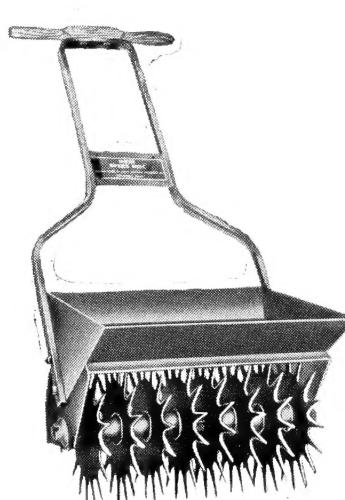


MASTERS FERTILIZER SPREADERS. The No. 30 Model has capacity for 50-lbs. of fertilizer. Finger-tip action is easier than shifting gears on a car. Set the arrow on the adjusting plate, open the clutch and the machine is ready for operation. Distributes seed and fertilizers accurately and instantaneously. \$9.95.

Larger models in stock.

SPIKING

This tool will supply the proper kind of aeration and permit retention of moisture. Will not harm the appearance of the lawn. Discs are made of high carbon alloy steel, the machine is well built and will last for years. One of the finest lawn tools made.

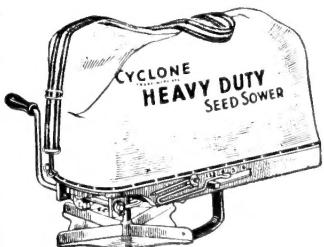


No. 8T. Ideal model for the home lawn. 8 discs, each 10 in. diameter, rolling width 16 in. Net weight 32 lbs. Tray is provided so that weight may be added. Price—\$15.00.

No. 30. Estate model with 19 discs, each 10 in. diameter. Rolling width 18in. weighs about 100 lbs. Tray provided. Price—\$39.00

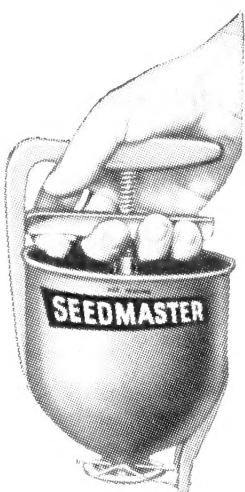
No. 8T. Spike disc illustrated.

Established Lawn



SEEDING

The SEEDMASTER holds one pound of seed and insures even, uniform growth of grass. Saves time and seed and quickly pays for itself. Especially recommended for spot seeding or reseeding turf already established. The SEEDMASTER is easy to use, and covers approximately a three foot row or swath. \$2.95.

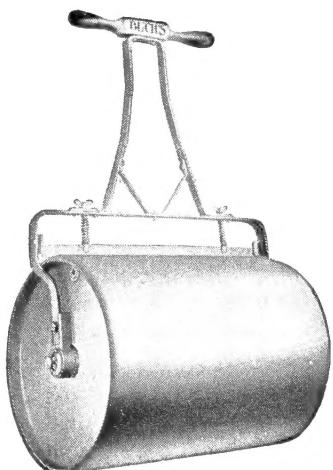


The CYCLONE SEEDER has a national reputation as the best hand seed sower on the market. Can be regulated to sow any amount per acre. May also be used to broadcast concentrated or granular fertilizers. Easily operated and thousands are in use all over the country. Will hold several pounds of seed or fertilizer. \$4.50.

SPECIFICATIONS

| No. | Diam. Inches | Length Inches | Approx. Weight, Lbs. | | Price* Each |
|-----|-----------------|------------------|-------------------------|-----------------|----------------|
| | | | Empty | Water Filled | |
| 2 | 14 | 14 | 55 | 165 | \$14.50 |
| 4 | 18 | 18 | 70 | 230 | 16.25 |
| 7 | 24 | 24 | 100 | 400 | 23.50 |

When filled with sand, rollers weigh about 50% more than when water-filled. Water is the more convenient to use.



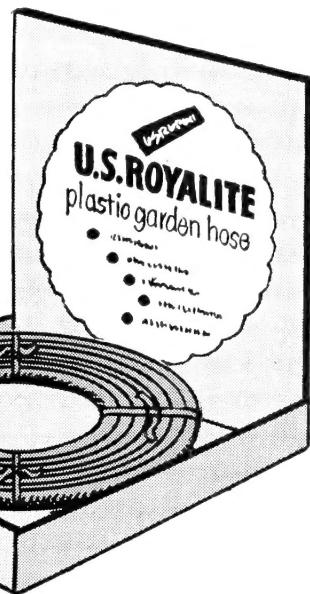
ROLLING

DUNHAM WATER WEIGHT ROLLERS. The hollow steel cylinder, filled with water, turns smoothly. Where greater weight is desired, sand may be used instead of water. The cylinder ends have rounded edges and will not cut the turf.

WATERING

U. S. Rubber's ROYALITE Plastic hose makes for ease in watering new seedings. 50-ft. length \$9.35.

A four inch rose nozzle is the best type for watering newly seeded areas. Cast brass, the four inch face gives a gentle shower and does not wash seed. \$1.65.



bed for the grass seed so it will not be washed away and brings it into immediate contact with the soil. While the proper use of the Spike Disc certainly falls under the classification of hard labor, we commend its use without reservation. The small 8T model is new and most adaptable to home lawns.

FOURTH. Seeding the lawn is the next step after the spiking job is finished. We especially recommend our WESTCHESTER GREEN LAWN SEED which is made up entirely of the better dwarf-growing, permanent grasses. 2½ lbs. of seed per 1000 (10x100) square feet is usually ample for reseeding the established lawn. Our SCARSDALE GREEN is also an excellent mixture, particularly for Spring use. There is no clover in either of these mixtures. Small amounts of clover may be added by the purchaser if desired.

FIFTH. Following seeding the lawn should be rolled with a lightweight roller just enough to firm the new grass seed into the soil. Do not use a heavy roller since the soil will become compacted and the seed will find it harder to germinate.

SIXTH. Irrigation of any new seeding for a period of several days is of critical importance. Under ideal conditions, lawn seed will germinate in one week or so. But temperatures must be warm and the soil must never be allowed to dry out. If the surface of the soil is kept moist at all times, germination takes place rapidly. Irrigation until the new seed has germinated and become established is one of the most important factors in lawn making.

For complete details on renovation of lawns, ask for our bulletin—

"RENOVATING THE ESTABLISHED LAWN"

Complete details on making a new lawn will be found in our free bulletin—

"MAKING THE NEW LAWN"

ROLLOSPRAYER



Price—\$85.00 (See Page 9)

Making the New Lawn

Unlike the annual flower garden or vegetable garden and most farm crops, which complete their life cycle in one year, the lawn is a permanent crop and as such must have the best possible soil medium established before the lawn is planted. The ideal lawn soil is a reasonably light sandy loam through which both water and air can move quite readily.

FIRST. MODIFY POOR SOIL AT START

It is impossible to completely modify a poor soil once a lawn is established. Where the soil is heavy (lacking in organic matter), as is the case in most of Westchester County and vicinity, humus or peat moss and probably coarse sharp sand too, will be needed to correct this condition. Spread these uniformly over the area and incorporate into the soil with a power rotary tiller to the depth of 6 inches.

SECOND. FERTILIZATION AND LIME

The need for lime can be quickly determined by a soil test. Most soils in this area are acid in reaction. Phosphate is absolutely necessary as this is the root growing element and this can be supplied from superphosphate or bone meal. Nitrogen is the growth element and is almost always deficient in lawn soils. We prefer to supply this in an organic form such as that supplied in MILORGANITE. If potash is a factor, this too can be supplied with muriate of potash. Any fertilizer combination such as our AGROSTOFOOD, 7-7-7 or 5-10-5 may be used.

THIRD. GRADING

An entirely smooth surface must be accomplished by raking and lightly rolling. Where ridges and depressions appear, repeat the process until a fine, even seed bed is established.

FOURTH. SEEDING

Four to five pounds of a good seed mixture is adequate for 1000 square feet. For even distribution this is best applied with a seeder or spreader. When seeding is completed, rake lightly and roll with a moderate weight roller.

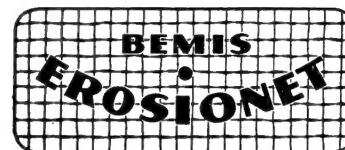
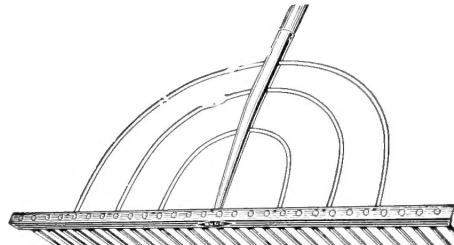
FIFTH. WATERING

Probably more new lawns fail because of the omission of water at a critical time than from any other cause. We recommend a light watering immediately following seeding and at least once a day thereafter, preferably at mid-day. Keep this up, unless timely rains fall, until the new seed is well germinated.

To prevent erosion on severe slopes, Erosionet or cheese cloth, staked down, will help in getting seed established.

SIXTH. CUTTING

When the new grass is $2\frac{1}{2}$ inches tall, top it off with the mower set to cut 2 inches high. When the lawn is established never cut closer than one inch, unless the lawn is all bent. During the heat of Summer a higher cut of $1\frac{1}{2}$ to 2 inches is recommended.



GRADING RAKE. This wooden rake, consisting of 28 teeth and 3 aluminum bows is the best tool for leveling and making a finished grade. \$1.75.

EROSIONET. This is a strong open mesh fabric that will hold seed firmly in place and help prevent wash-outs. Grass will grow up through the mesh and soon cover it so that it cannot be seen, and it will eventually disintegrate. It is 45 inches wide and sells for 25c. per lineal yard.

MIDGET FENCE. To help protect the new lawn from intruding feet, we have a Midget fencing for \$1.89 that consists of 6 stakes and 60 feet of cord.

For other fencing, see page 6

HYPER-HUMUS

The perfect soil amendment to supply valuable organic matter to heavy compacted soils. Hyper-Humus is a fine rich, black cultivated humus. It is long-lasting in the soil and ready for immediate use. Hyper-Humus is clean, sweet and free from weed seeds. Use one yard of Hyper-Humus to each 300 to 400 square feet of area, thoroughly tilled into the existing surface. For prices see page 14.

Eliminating Lawn Insects

Good lawns apparently have a particular attraction to destructive insects. Japanese, Oriental, Asiatic and June Beetles along with Chinch Bugs evidently find good turf far better feeding than weedy, neglected grass. Fortunately, new and potent chemicals provide good insurance against their depredation or effect quick control at economical cost. Prior to the advent of DDT, arsenate of lead gave good grub-proofing results, but no insecticide was fully effective against Chinch Bugs.

GRUB CONTROL

Adult beetles lay eggs in lawn sod in the Summer which hatch into small white grubs in the early Fall. Damage to the lawn results from their feeding on the grass roots. Injury first shows up as small brown areas in the lawn, only a few inches in diameter. These areas rapidly spread as the grubs grow larger and fatter on luscious grass roots. With the arrival of cool weather in the late Fall grubs cease feeding and move down in the soil for the Winter. During the warm days of early Spring they again come near the surface and resume feeding. Later in the Spring they enter the pupa cycle of their life and hatch out as beetles and emerge in late June or early July. In this stage they feed on the foliage of many ornamental plants and lay eggs again to perpetuate the species.

Diagnosis of grub damage is generally easy. One can almost feel grub damaged turf under foot when walking over it. By taking hold of a small handful of grass blades and lifting lightly grub damage is easily detected. If the turf rolls back easily, as though the roots had been cut off, grubs are almost certain to be present. Skunks often tear up portions of the lawn in search of grubs and many birds feeding on a lawn may indicate the presence of grubs.



Grub Infested Lawn

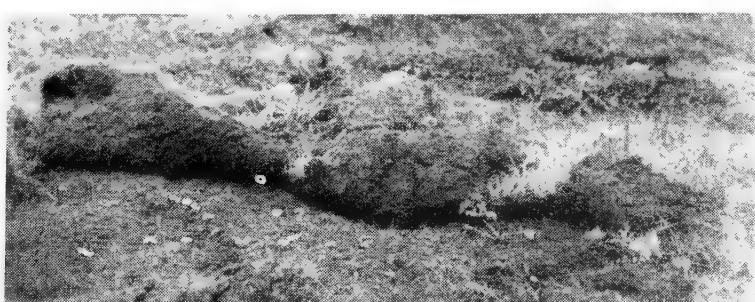
instances of severe grub damage were noted in Westchester County in the Fall of 1949. Arsenate of lead, while still a very efficient grub proofing material, has been largely supplanted by DDT, Chlordane, Parathion, Toxophene and Benzene Hexachloride, since they are much more economical in cost at present prevailing prices. Chlordane is perhaps most widely used today for grub control, although all the materials mentioned are highly potent, economical in cost and provide protection for varying periods of time up to several years. Rates and methods of application will be found on the manufacturers label for each of these products and all may be relied upon for effective control.

CHINCH BUGS

Since the early thirties chinch bugs have accounted for hundreds of thousands of dollars in damage to lawns along the Atlantic Seaboard. A close relative of the lawn chinch bug has caused millions of dollars in damage to corn and small grains in the mid-west. In 1934 they caused an estimated loss of \$40,000,000 in Illinois alone.



The first indication of lawn damage by chinch bugs is wilting and drying of the grass although adequate moisture may be present in the soil. Isolated small brown dry spots first appear in the lawn. In a few days time entire lawns in sunny areas may be devastated. It is hard to understand how such a small insect, only about $\frac{1}{8}$ inch in length, often difficult to see, can account for so much damage. Their number easily overcomes their lack of size. When fully grown they are almost black in color with the



Most lawns in this area were grub-proofed with arsenate of lead during the period of heavy Japanese beetle infestation in the thirties. Arsenate of lead applied from 7 to 10 years ago no longer is effective and numerous

exception of their short wings which are nearly white. They do not fly but move through the grass on the surface of the ground at considerable speed. In the young nymph stage they are pink to red in color and not much larger than a pin head. As they mature their color changes to brown and finally nearly black. Veritable hordes of them attack the grass plant just above the crown as it emerges from the soil. They suck all the juices from the grass blades, leaving them dry and brown. Their destructive action to grass can be visualized by comparing them with the small aphis which so viciously attack Roses and other plants and which are also sucking insects.

Mature chinch bugs live over the Winter in tall grasses or in other sheltered, protected spots. They are known to inhabit the underground nests of field mice and remain in their Winter hibernating quarters until temperatures reach 70 degrees for several hours daily. They are active only in the warmth of bright sunlight and occasionally move about as early as late March if temperatures are favorable. As soon as they start moving in the Spring the females start laying a few eggs daily, up to a total of some 200 for their life. These eggs hatch out as young nymphs in May and June and as quickly as these nymphs reach maturity they too lay eggs and more broods hatch out in the Summer and Fall. Evidently many of the adults from the Spring brood live and remain active for the entire Summer, the population constantly gaining, unless control chemicals are applied. Chinch bugs were responsible for severe lawn damage in 1949 which was erroneously charged to the severe drouth. Many failed to sense the error until lawns were ruined.

All of the materials mentioned for grub control are likewise efficient against chinch bugs, although here again chlordane has proven most popular in the past two years. Sabadilla dust has also been successfully used in their control. Tobacco dust, once widely used with but little effect, is obsolete. Since chinch bugs are active on the surface of the ground, control materials are effective only in this area. Once the control chemical has been washed into the soil it is no longer effective against chinch bugs. The material is not a total loss however since it will provide control of grubs and some other soil borne insects. Once a lawn has been infested by chinch bugs timely applications of control chemicals should be made at least once per year. This is simply cheap insurance against total lawn renovation.

For a more complete discussion of Grub and Chinch Bug Control get copies of the excellent bulletins on each of these subjects issued by the New York, New Jersey and Connecticut Agricultural Experiment Stations.

LAWN ANTS

Ants often make lawns unsightly, especially in dry weather. Numerous chemicals are effective in their

control, but here again chlordane is outstanding. All manufacturers of this chemical issue complete directions for its use in ant control.

EARTHWORMS, CUT WORMS, Etc.

Arsenate of lead at rates approximating 10 pounds per 1000 square feet will virtually eliminate the common earthworm. The tropical earthworm or stinkworm will bow only to chlordane and some of the other newer chemicals. Cut worms which often damage grass are likewise controlled with chlordane as are sod web worms, some leaf hoppers and other insects.

As Spence said in "Just Weeds" insects and weeds are nearly sure to come into one's life. We may be thankful for the research chemists who have provided us with effective materials for their control.

CHLORDANE

DOWKLOR—40% WETTABLE POWDER. The active ingrediant is Chlordane. Especially recommended for control of beetle grubs and chinch bugs in the lawn when used at the rate of $\frac{1}{2}$ lb. for 1000 square feet. 4 lbs., \$4.00; 100-lb. drum, \$68.00.

DOWKLOR—5% DUST. (Chlordane). For beetle grubs and chinch bugs in the lawn, use at rate of 5-lbs. for 1000 square feet. 5-lbs. \$1.25, 10-lbs. \$2.25, 50-lbs. \$10.00.

SYNKLOR 48-E (Chlordane Emulsion). Water emulsifiable liquid. Contains 48% technical chlordane. May be sprayed on lawn areas for the control of insects. $\frac{1}{2}$ pt. bottle \$1.25, qt. \$4.00, gal. \$8.00.

DDT

DOW DDT—50% WETTABLE POWDER. Instantly wettable. Recommended for beetle grubs and chinch bugs in the lawn. Use 1-lb. for 1000 square feet. Lb. 75c., 3-lbs. \$1.50, 4-lbs. \$1.85, 50-lb drum \$18.00.

PARATHION

DOW PARATHION—15% WETTABLE. This formulation can be used as a spray or as a base for making dust mixtures. Parathion has proved effective against mites, aphids, peach scale, curculio, Mexican bean beetle, ants and many other insects. 1-lb. bag \$1.00.

TAT 137 40% W

A highly effective wettable powder for the control of such insects as grasshoppers, ants, bollworm, thrip, beetle grubs, crickets, etc. The active ingredient: Technical Chlorinated Camphene 40%. 4-lb. bag \$2.25.

ARSENATE OF LEAD

A reliable and time-tested insecticide which is outmoded for use on beetle grubs and other soil borne insects. Either DDT or Chlordane is equally effective and much less expensive at present prevailing prices. Lb. 60c., 4-lbs. \$1.60. (Because of constant fluctuation of prices, ask for special quotation on larger quantities.)

Crab Grass Control

Many who come to discuss crab grass look askance when we tell them grass is the best control we know. Nevertheless no better means for eliminating crab grass can be exhibited than a well-established, properly nurtured lawn of permanent grasses. Most lawn soils are infested with crab grass seeds. A dense turf which shades the ground will effectively discourage seed germination. The mild shade of the ideal lawn, free of crab grass, illustrates our point. When turf is thin or dies out from disease, grubs or insect damage, crab grass and other weeds quickly volunteer to fill the void.

Unfortunately, most of us think of remedial measures for crab grass eradication when the season is so advanced that little can be accomplished toward the desired end. Early July and no later than August first is the time control measures must begin. A choice of several methods or chemicals to effectuate control are open.

If only occasional plants occur, hand removal is practical. When infestation is heavy, repeated heavy rakings to lift runners, followed by cutting to prevent seed head formation will succeed, if the lawn is liberally fertilized and reseeded in early September. The fertilization and reseeding should be preceded by spiking to insure a good seed bed.

There are several chemicals which can be used for the eradication of crab grass, which you will find listed on this page. But—please read our bulletin—"CRAB GRASS CONTROL" before applying any chemical to your lawn.

AERO CYANAMID

A high analysis nitrogenous fertilizer extremely caustic to vegetation when applied at reasonably heavy rates. It has a place in the crab grass control picture as a soil sterilizing agent. Lawns completely infested with crab grass which need no regrading or topdressing, are treated with 75 pounds of Cyanamid per 1000 square feet. This will not only kill the surface vegetation but virtually all weed seed in the top inch or so of soil. One month must elapse following the application of Cyanamid before proceeding with spiking and reseeding. No fertilizer other than superphosphate should be applied to Cyanamid treated lawns until the following Spring. Price: 100-lbs. \$6.00, 500-lbs. \$29.50.

Cyanamid may also be used to sterilize lawn topdressing. From 13 to 15 pounds is thoroughly mixed with one yard of soil. This should be allowed to stand for several weeks before use. If possible, the mixture should be turned once or twice. So used, Cyanamid will destroy virtually all viable seeds in the soil.

AERO CYANATE

A new product made by the American Cyanamid Company called AERO CYANATE was used last season on golf courses and home lawns for the control of crab grass and gave great promise as an effective control for this pest. We will tell you more about this material later on as soon as packaging and prices are established.



Mature Plant of Crab Grass

TAT C-LECT, the selective crab grass killer contains the much publicized PMAS as the active ingredient. It will destroy crab grass in two or three applications with little discoloration to permanent lawn grasses. Applications should be made at 5 to 7 day intervals. Instructions on the container should be followed implicitly.

TAT C-LECT REGULAR. This is the same material as furnished for the past two seasons. Packed in 8-oz. bottle 85c., 16 ozs. \$1.50.

10% concentrate, which is 5.6 times the concentration of the regular Tat C-Lect. Pt. \$3.25, gal. \$13.90, 5 gals. \$62.50.

TAT C-LECT FORTIFIED. A combination of Tat C-Lect and 2-4D. 8 ozs. 85c., 16 ozs. \$1.50.

13% Tat C-Lect Fortified concentrate. Pt. \$3.75, gal. \$16.00, 5 gals. \$72.00.

ZOTOX has a definite place in the control of crab grass.

On heavy mature crab grass it is capable of giving quick kill at nominal cost. When soil moisture and reaction are ideal and temperatures not too high, dilute rates of ZOTOX are fairly selective. Carefully used, it will not destroy permanent lawn grasses although discoloration may be quite severe. For a complete kill of all vegetation the rate should be 16 ounces or more per 1000 square feet. Prices: Pt. \$1.50, qt. \$2.50, 5 lbs. \$4.50, 30 lbs. \$22.50.

MILARSENITE. A combination of Milorganite and sodium arsenite, a caustic weed killer. Quite widely used by golf courses for crab grass and clover control. May be applied with a carefully calibrated fertilizer distributor at rates varying from 5 to 50 pounds per 1000 square feet. Lower rates are used several times at intervals from 7 to 10 days apart for crab grass control. Heavier applications are used to effect a quick kill. 100-lb. bags \$8.00.

ROLLOSPRAYER. The Rollosprayer is perfect equipment for applying chemicals to large lawn areas. Holds up to seven gallons of spray and will cover 1000 square feet with one gallon of solution. We have a few of these sprayers for rent at \$5.00 per day. Illustrated on page 5.

Fighting Turf Diseases

The illustrations on this page may appear disturbing. They should not be, because the diseases shown are not common on home lawns, with the possible exception of snow mold.

Unfavorable soil conditions and adverse weather bring on fungus diseases. Soil compaction retards or stops free movement of air and water in the soil and creates ideal conditions for disease. Little can be done about the weather but soil modification can be done when the lawn is built and needed drainage provided. Compact lawn soils must be opened up by forking or aerification, especially when soil is heavy or subject to traffic from playing children. School athletic fields are an example of areas where turf maintenance is difficult even when conditions are ideal, due to compaction from excessive traffic. Diseases of turf are more easily prevented than cured. Attention to drainage, aeration and good physical soil conditions will be rewarded by good turf, capable of survival during periods of bad weather.

SNOW MOLD

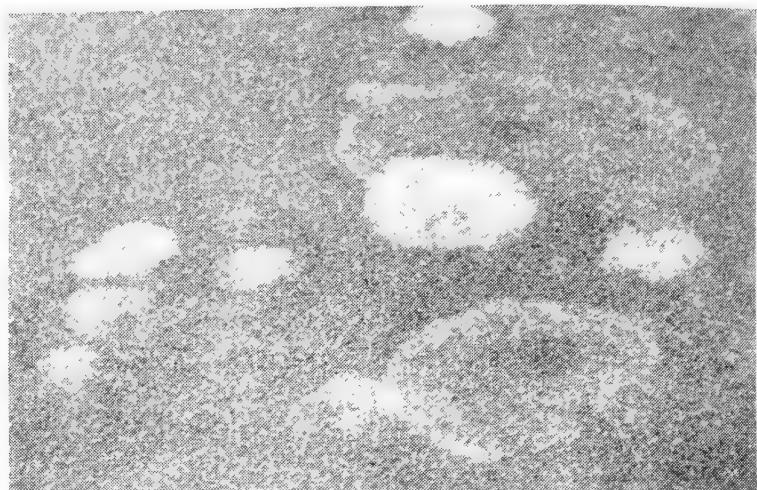


Snow Mold

Snow mold appears in early Spring and may be severe even without snow, despite the name. This disease occurs in periods of low temperature when surface moisture is in excess. It is especially bad along the edges of ice sheets. As the ice is melted by the bright sun, the accumulated moisture creates an ideal condition for Snow Mold fungus to develop. Snow Mold is easily identified. The grass in irregular patches of distinct patterns appears to be scalded and moldy. Turf is frequently killed when the disease is severe. Complete recovery occurs from mild attacks when weather becomes favorable for turf growth. Snow Mold can be prevented with applications of Calo-Clor, Tersan, or Semesan in the late Fall.

BROWN PATCH

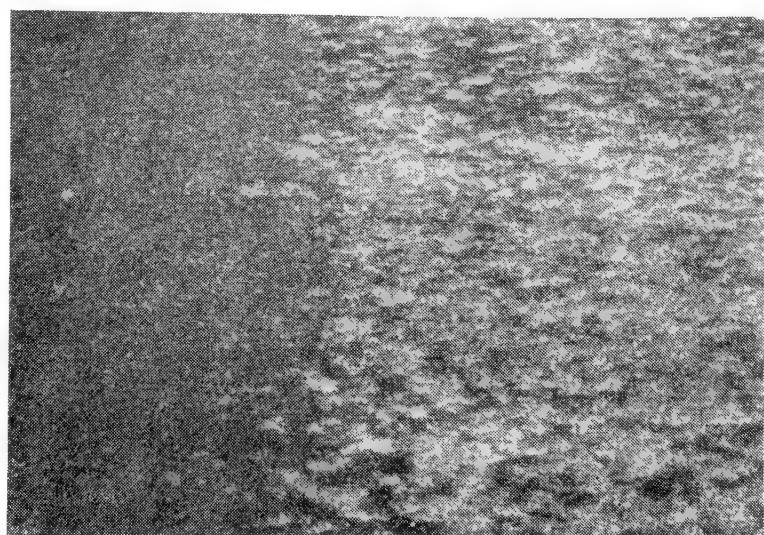
Brown Patch is somewhat like Snow Mold in appearance and size of area effected and is a warm weather disease. It strikes always in periods of very high hu-



Large Brown Patch

midity and temperature. When adverse weather conditions persist, damage to turf may prove fatal. This disease is accentuated by heavy, compact, water-soaked soil. Mild attacks recover quickly when temperature moderates and air circulates freely. Properly constructed lawns with good drainage and favorable soil conditions are seldom damaged severely by brown patch. Mid-summer damage to grass from other causes is often incorrectly diagnosed as Brown Patch.

Mild attacks can be quickly stopped with applications of Tersan. Severe attacks may be alleviated somewhat on water-soaked soils by forking or aerification with the Soil-Aire. Light applications of hydrated lime, 3 to 5 pounds per 1000 square feet, sprayed or dusted on, often stops Brown Patch and results in quick recovery. Good lawns containing much bentgrass are particularly susceptible to attack. Such lawns should have preventive applications of Tersan as unfavorable climatic conditions develop. Calo-Clor is also effective against Brown Patch but this material is quite caustic to tender turf and may cause damage unless carefully applied at very light rates.



Dollar Spot

DOLLAR SPOT

Dollar Spot appears as small spots about the size of a silver dollar or smaller, hence the name. It is a cool weather disease and generally occurs at night following a quick drop in temperature. Attacks are quite severe in Spring and Fall when warm days are followed by crisp, cool nights. Injury is mostly confined to creeping bent grasses and recovery is generally slow. Grass which is nitrogen hungry is much more susceptible to attack than vigorous well-fed turf. Calomel was long preferred as a preventive for Dollar Spot, but has now been supplanted with CRAG or DUPONT 531 Fungicide.

OTHER LAWN DISEASES AND INJURY

Pythium, copper spot and other diseases seldom attack the home lawn and present fungicides are of little value in their control. Summer Scald, which causes severe damage to many lawns each year can be largely charged to excessive rainfall, followed by high temperature and humidity, especially on poorly drained areas. Oftimes, the permanent cure to recurring lawn damage from this cause can only result from tile drainage and soil modification. Improper irrigation is a contributing factor to scald.

With the extreme shortage of water in the New York area in early 1950, every method of water conservation should be practiced. The extreme drought of 1949 convinced many people that good turf can withstand long periods of moisture deficiency when soil conditions are ideal. Aerification of the lawn in early Spring will assure moisture penetration from Spring rains and deeper rooting of grasses. Such turf can draw upon moisture deep down in the soil beyond the reach of shallow rooted grasses.

Seepage water, breaking out of hillsides, often overruns or comes up in home lawns. Injury from this cause is most easily detected in early Spring. Good turf cannot stand continued excesses of moisture in Summer or Winter. Much Spring lawn renovation which becomes necessary every year, could be avoided if seepage water could be diverted elsewhere.

CHEMICALS FOR LAWN DISEASE CONTROL



TERSAN. An exceptionally effective non-mercurial for prevention or control of large Brown Patch on lawns and other fine turf. 8-oz. can, 80c.; 4-lb. can, \$5.16; 25-lb. drum, \$30.00; 100-lb. drum, \$115.00.

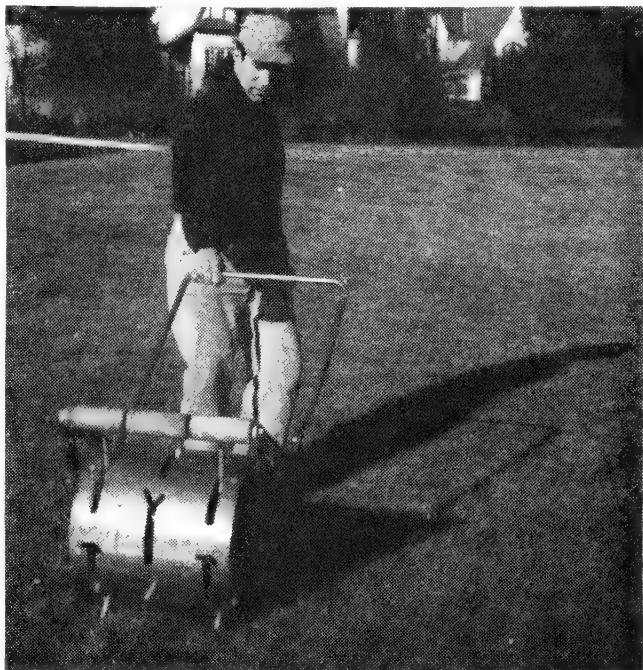
SEMESAN. A fungicide effective in the control of Brown Patch on lawn turf. 12-oz. can, \$2.40; 4-lb. can, \$11.00; 25-lb. pail, \$58.28; 100-lb. drum, \$219.80.

DUPONT F-531. A cadmium fungicide for the control of Dollar Spot on lawns and other fine turf. 4-lb. can, \$6.75; 25-lb. drum, \$37.50; 100-lb. drum, \$140.00.

CALO CLOR. A preventive and remedy for Brown Patch and Dollar Spot. 1-lb. canister, \$2.70; 5 lbs., \$15.00; 25 lbs., \$58.25.

Lawn Aeration

By Fred V. Grau, Director
U. S. Golf Assn., Green Section
Condensed from POPULAR GARDENING, March-April, 1950



Aeration of the soil under lawns works wonders. In well aerated earth, a water shortage will be less serious, for moisture enters easily into the ground and does not run off into the gutter and into the sea. Besides, proper aeration means that roots grow deeper, grass is healthier, fertilizer is more effective. Everything else being equal, then, aeration makes a better lawn.

Let us look at the facts underlying this. Lawns are made to be used. The traffic of feet and mowers gradually causes compaction. The effect is more serious on "heavy" soils with a high clay content. A compact earth is one with most of the air squeezed out of the soil, and with the particles smashed so closely together that water can't get through. Then we say we have a "tight" earth, which gets very hard when it dries.

When plant roots don't have enough air they can't absorb enough water—hence, a thin, weedy turf develops. Poor turf lets the raindrops smash against the ground, which causes further compaction. (A dense turf cushions the impact of raindrops and traffic.) A compacted soil will not let water in fast enough, so most of it has to run off, which does no one any good. This is the "first lesson in water and soil conservation."



Subscriptions to POPULAR GARDENING, the new all-garden publication, edited by Paul F. Frese, may be placed at our store.

Constant Research Means Better Grasses



Bentgrass selections grown for cross pollination at Pennsylvania State College. Better varieties of fine turf grasses are developed by painstaking research at Penn State and other Agricultural Experiment Stations.



The U. S. Golf Association Green Section and the U. S. Department of Agriculture cooperate in extensive turf research studies at the U. S. Department of Agriculture Research Center, Beltsville, Md. The Zoysia grasses and special strains of Bermuda Grass are propagated in this manner for vegetative planting.



Hundreds of Greenkeepers and others interested in fine turf attend Field Days at Experiment Stations where turf research is emphasized. Penn State and Beltsville are especially popular. The pictures shown on this page were taken by members of our staff who visit each of the important Experiment Stations regularly.

Weed Control in Garden, Lawn, Field

Spence, in his excellent book, "JUST WEEDS" (Chas. Scribners Sons), says nothing is so sure to come into one's life as weeds, unless it be insects. Any plant is a weed, he continues, if it insists on growing where the husbandman wants another plant to grow. Nature has endowed weeds with many characteristics including a super-vitality making them generally obnoxious to man and beast. They despoil our lawns, gardens and fields. Their control by cultivation involves both valuable time and arduous labor. Fortunately, chemistry has come to our aid. Where there is a weed, there is also a chemical to control it. Whatever the weed problem, the right weed killer must be selected for best results.

2-4D weed killers are the most generally useful of all. They are highly effective in destroying many troublesome weeds in the lawn and in all grain crops belonging to the grass family. New chemicals have been developed to control weeds which are resistant to 2-4D. At recommended dosage, grasses sustain little or no injury from 2-4D. In many places however, grasses themselves are weeds and in such instances a chemical such as Sodium TCA must be selected, which will destroy many grasses. To the list of selective weed killers we must add the caustic materials, which destroy all surface vegetation. This is occasionally desirable in driveways, etc. New soil fumigants, such as DOWFUME MC2, destroy both soil borne insects and viable weed seeds in the soil. Space does not permit a full discussion of the theory and practice of weed control in these pages. Special bulletins pertinent to specific weed problems will be sent on request to anyone interested. We commend to your attention the excellent products listed below, which are representative of the wide line of weed destroying chemicals we carry. We shall be happy for the opportunity to discuss weed problems with you.

2-4 DOW WEED KILLER 14%

The ideal material for spray application to the home lawn. Readily controls dandelions, plantain and many other lawn weeds without injury to grass. $\frac{1}{2}$ pint dissolved with sufficient water treats 2000 square feet, \$1.00. 1 pint treats 4000 square feet, \$1.60. 1 quart treats 8000 square feet, \$2.95.

2-4 DOW WEED KILLER—FORMULA 40

A concentrated liquid 2-4D formula, ideal for low volume application with special nozzles. From one to two pints per acre, dissolved in a few gallons of water, will control many weeds in turf and grain crops. 8 teaspoonsful will treat 1000 square feet. 1-gal. can, \$6.25; 5-gal. drum, \$29.00.

ESTERON 44

An ester of 2-4D especially recommended for the control of hard-to-kill weeds and many woody plant growths. Excellent for brush control along fence rows, etc. Rate of application varies on different weeds. 1 pint, \$2.25; 1-gal., \$6.50.

DOW SODIUM TCA 90%

A new product used primarily for the control of Johnson, Bermuda, Quack, Crab and other perennial and annual grasses along roadsides, ditches, banks, railroad right-of-ways, utility sub-stations and coal yards. Should not be used on lawns or similar turf areas and is harmful to trees and shrubs. 10-lb. drum, \$6.95.

DOWFUME MC2

An efficient, economical treatment for the sterilization of soil against weeds, diseases, nematodes and other soil pests in seed beds and local areas. Ask for bulletin giving complete information regarding method of application, etc. Kit including four cans of fumigant, applicator and covering. Introductory price, \$10.00.

GARDEN DOWFUME

Garden Dowfume is a new soil fumigant containing Ethylene Dibromide, a powerful chemical highly effective in the control of nematodes, wireworms and other soil insects infesting garden land. It offers to home gardeners for the first time a really effective control of damaging soil pests without the necessity of special equipment for its application. One gallon of Dowfume will treat 400 feet of furrow. 1-gal. can, \$1.50.

AMMATE

Sure death for poison ivy, poison oak, poison sumac, deep-rooted perennial weeds, brush and very effective in weed control on driveways and along walks. Do not use on lawns or around valuable plants. 2-lb. bottle, 85c.; 6-lb. bottle, \$2.25; 50-lb. drum, \$13.00.

2-4-D WEEDUST

This 12-oz. shaker top can contains sufficient dust to treat more than 1000 weeds. Dust direct from can onto weeds. 75c.

WEED KILLER FOR DRIVEWAYS

G & O Weed Killer is not selective but kills all weeds and grasses in driveways, walks and paths. Also an excellent material for eradicating poison ivy. 1-pt. 40c. 1-qt. 70c.; 1-gal. \$1.90; 5-gals. \$8.50.

GENERAL LIST OF FERTILIZERS AND PRICES

Prices given below include delivery in Westchester County by our own trucks. Delivery charges are to be paid by purchaser in other areas.

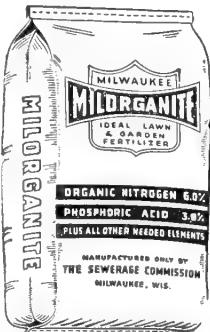
| | 5-lbs. | 10-lbs. | 25-lbs. | 50-lbs. | 100-lbs. | 500-lbs. | 1000-lbs. | Ton |
|------------------------------------|--|---|------------------------------|--------------|----------|----------------|-----------|---------|
| MILORGANITE..... | ... | ... | \$1.50 | \$2.65 | \$4.25 | \$20.75 | \$40.00 | \$72.50 |
| AGROSTOFOOD..... | ... | ... | ... | 3.95 | 7.50 | 35.00 | 70.00 | 125.00 |
| SUPERPHOSPHATE 20%..... | \$0.40 | \$0.75 | 1.25 | 2.00 | 3.00 | 14.50 | 28.00 | 50.00 |
| COW or SHEEP MANURE..... | .40 | .75 | 1.25 | 2.25 | 4.40 | 21.50 | 41.00 | 80.00 |
| BONE MEAL—Steamed..... | .65 | 1.00 | 2.00 | 3.25 | 5.50 | 25.60 | 51.00 | 95.00 |
| BONE MEAL—Raw..... | ... | ... | 2.50 | ... | 6.50 | 32.00 | 61.00 | 120.00 |
| 10-6-4 G & O TURF FOOD..... | ... | ... | 2.50 | ... | 7.50 | 35.00 | 70.00 | 125.00 |
| 5-10-5 G & O Fish—Blood—Boron..... | ... | ... | 2.25 | ... | 6.50 | 31.00 | 60.00 | 110.00 |
| 8-6-2 HUBBARD..... | ... | ... | ... | ... | 5.00 | 24.50 | 47.00 | 85.00 |
| 5-10-5 DAVCO GRANULAR..... | ... | ... | 1.25 | | | Stock limited. | | |
| SULPHATE OF AMMONIA..... | ... | 1.25 | 2.50 | ... | 6.00 | 29.50 | 55.00 | 100.00 |
| CYANAMID..... | ... | ... | ... | ... | 6.00 | 29.50 | 55.00 | 100.00 |
| NITRATE OF SODA..... | .65 | 1.00 | 2.00 | ... | 5.50 | 27.00 | 51.00 | 95.00 |
| CAL-NITRO..... | ... | ... | ... | ... | 6.00 | 29.50 | 55.00 | 100.00 |
| MURIATE OF POTASH..... | .75 | 1.25 | 2.50 | ... | 5.00 | 24.50 | 47.00 | 85.00 |
| AGRICO FOR LAWNS..... | .45 | .80 | 1.60 | 2.65 | 4.75 | 21.38 | 40.37 | 80.00 |
| AGRICO FOR GARDENS..... | .45 | .80 | 1.60 | 2.40 | 4.25 | 19.13 | 36.12 | 72.00 |
| AGRICO BROADLEAF..... | ... | 1.10 | 2.10 | 3.40 | 5.50 | 24.75 | 46.75 | 93.00 |
| DRICONURE.....(7½-lbs. 60c.) | ... | ... | ... | 2.25 | 4.50 | 21.50 | 40.00 | 76.00 |
| RUHM'S PHOSPHATE ROCK... | ... | ... | ... | ... | 3.00 | 14.50 | 28.00 | 50.00 |
| 7-7-7 HUBBARD..... | 80-lb. bag, \$3.25; | Six 80-lb. bags, \$19.00; | Twelve 80-lb. bags, \$37.50; | Ton, \$72.00 | | | | |
| 5-10-5 HUBBARD..... | 80-lb. bag, \$2.90; | Six 80-lb. bags, \$16.75; | Twelve 80-lb. bags, \$32.50; | Ton, \$63.00 | | | | |
| G & O SPECIALTY FERTILIZERS— | Rose Food, Rhodo-Azalea Food, Tree and Shrub Food, Glad and Dahlia Food. | 5 lbs. 75c., 10 lbs. \$1.25, 25 lbs. \$2.75, 100 lbs. \$9.00. | | | | | | |

SOIL AMENDMENTS

| | 5-lbs. | 10-lbs. | 25-lbs. | 50-lbs. | 100-lbs. | 500-lbs. | 1000-lbs. | Ton |
|---|--------|---------|-----------------|-----------------|-----------------|--------------------|-----------|---------|
| GROUND LIMESTONE..... | ... | ... | ... | \$0.65 | \$1.25 | \$5.50 | \$10.00 | \$18.00 |
| ALUMINUM SULPHATE..... | \$0.40 | \$0.75 | \$1.50 | 2.75 | 5.00 | ... | ... | ... |
| HYPER-HUMUS..... | | | | | | Full yard in bulk, | \$11.00 | |
| HYPER-HUMUS—Energized. | | | | | | | | |
| Packed in moisture-proof bags..... | | | 25-lbs. \$1.00; | 50-lbs. \$1.75; | 80-lbs. \$2.50; | 100-lbs. \$3.00 | | |
| PEAT MOSS GPM...Jumbo bales, \$5.95; Standard bale, \$4.95; Jr. (Half) bale, \$2.95; Handy bale, \$1.95 | | | | | | | | |

PICK-UP ALLOWANCE: To those who pick up their fertilizers and peat moss at our store, we will allow 25c. for the first 100-lb. bag taken and 10c. for each additional 100-lb. bag taken at one time. Pick up allowance on 80-lb. bags, 10c. each.

Recommended Fertilizers



MILORGANITE

The all-organic plant food. This excellent material is by far the most popular fertilizer in general commerce today. Perhaps no better testimonial could be given than the fact that the Milwaukee Sewerage Commission is unable to supply the demand. For twenty-five years MILORGANITE has held a commanding position as the most popular fertilizer on golf courses, schools, institutions, home lawns, park systems and even the U. S. Airforce has used tremendous quantities to produce sturdy, airfield turf.

MILORGANITE promotes steady, healthy, uniform growth and is equally beneficial for lawns, gardens, flowers, shrubs and trees. It imparts to grass that dark green color so admired in fine turf. Easy to apply and lasting in benefit, MILORGANITE is safe and will not burn the lawn.

On established turf, use MILORGANITE at the rate of 3 to 5 pounds per 100 square feet or 1200 to 1800 lbs. per acre on larger areas. On new seedings, the same amount of MILORGANITE should be supplemented with 15 lbs. of superphosphate per 1000 square feet.

Write us for the name of your nearest dealer.

Prices in our catalogue include delivery in Westchester County by our own trucks. 25-lbs. \$1.50, 50-lbs. \$2.65, 100-lbs. \$4.25, 500-lbs. \$20.75, 1000-lbs. \$40.00, 1 ton \$72.50.

HUBBARD 5-10-5

A general purpose fertilizer. An approved grade of chemical fertilizer, free of objectionable odor and containing the vital elements essential to plant life. Packed in 80-lb. bags. 80-lb. bag \$2.90, six 80-lb. bags \$16.75, twelve 80-lb. bags \$32.50, ton \$63.00.

HUBBARD 7-7-7

Tree and shrub food. An excellent analysis for fruit and shade trees, shrubs, evergreens, bush fruits, grape vines and hedges. Packed in 80-lb. bags. 80-lb. bag \$3.25, six 80-lb. bags \$19.00, twelve 80-lb. bags \$37.50, ton \$72.00.

See our general list of fertilizers and prices on opposite page. Delivered in Westchester County by our own trucks. Charges to be paid by purchaser in other areas.

AGROSTOFOOD 6-6-6

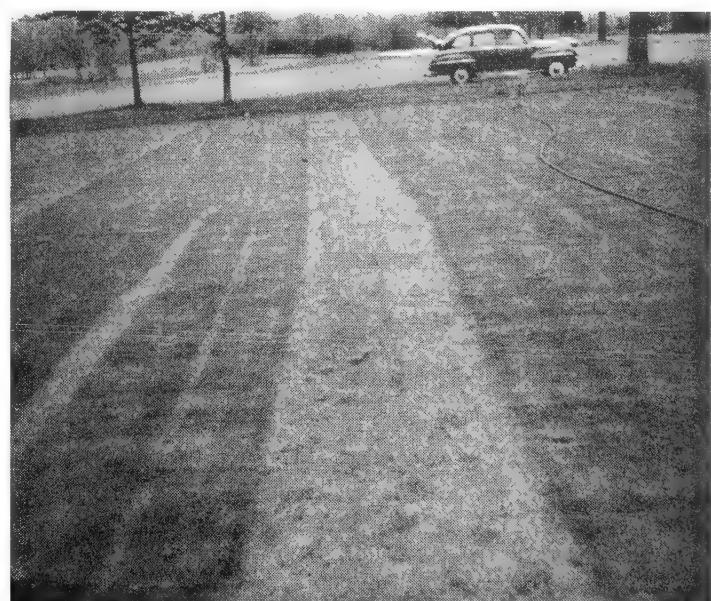
A food for fine turf. All the nitrogen in this fertilizer is derived from organic materials such as cotton seed meal, processed tankage and bones, the phosphoric acid from superphosphate and bone, the potash from muriate and cotton seed meal. AGROSTOFOOD will prove its value to the home owner who likes and knows the many virtues of ORGANIC nitrogen and who is aware of the value of mineral elements necessary to keep the soil healthy and productive. AGROSTOFOOD should not be confused with conventional fertilizers made from chemical nitrogen which is much less costly.

AGROSTOFOOD is an agrological product because it is agriculturally sound. It is plant food your lawn and garden will thrive on. For home lawns apply AGROSTOFOOD at the rate of 20 pounds per 1000 (10x100) square feet in early Spring and again in September.

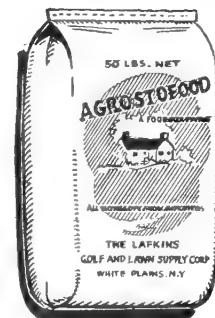
AGROSTOFOOD is equally valuable for vegetable and flower gardens. Apply broadcast to beds at 4 pounds per 100 square feet (10x10) or apply directly in the row, one pound to each twenty feet. Mix well with the soil before planting.

Packed in 50-lb. bags only.

50-lbs. \$3.95, 100-lbs. \$7.50, 500-lbs. \$35.00, 1000-lbs. \$70.00, ton \$125.00.



Uneven distribution of fertilizer



Useful Lawn Tools

LAWN MOWERS

THREE GREAT CLEMSONS FOR 1950

The famous Clemson Precision lawn mowers are recognized everywhere as the finest hand mowers made. Clemson's exclusive fixed bed-knife converts main frame into a rectangular truss that is many times stronger, more rigid than the conventional U-shaped frame. The instant height adjustment is positive, simple, foolproof. Just pull out two spring pins, let them snap back at desired grass cutting height setting. Fingertip adjustment of fly-knives to bed knife. Locking wing screws maintain alignment. Rollers are divided in three sections for easier turns, less scuffing of sod.

MODEL 16. Cutting swath 15 inches plus. Steel wheels with solid rubber tires roll on ball bearings. Steel tube handle. \$19.95.

MODEL 17. Similar to Model 16 but with full 17 inch actual cutting width. Large-diameter steel wheels with big, cushiony semi-pneumatic tires make each step easier. \$24.95.

MODEL E-17. The same E-17 that Clemson made in 1949 except a minor change in shape of handle grips. 17-inch cut. \$29.95.

PENNSYLVANIA GREAT AMERICAN

The old reliable hand mower popular with the professional gardener, park and golf superintendent. 10-inch wheels with rubber tires, with cutting adjustment from $\frac{3}{8}$ in. to $1\frac{3}{8}$ in.

| | |
|----------------------------|---------|
| 17-inch cutting width..... | \$27.50 |
| 19-inch cutting width..... | 29.50 |

PENNSYLVANIA TRIMMER

This light, flexible one-wheel trimmer does a neat job of cutting fringes and clumps of grass close to buildings, fences, trees and flower beds. 4-blades with 6-inch cut. Rubber tired wheel. \$19.95.

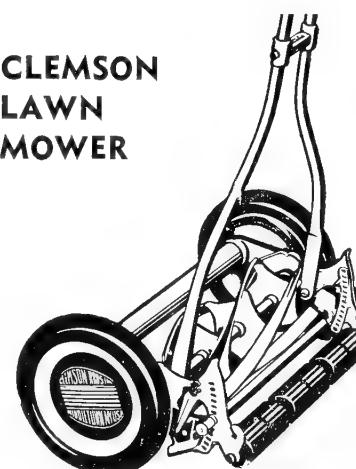
ECLIPSE MODEL L DeLUXE

A preferred mower by many seeking the finest in lawn mower precision and service. Finger-tip adjustment and Eclipse automatic sharpening of blades. Adjustable from $\frac{1}{2}$ inch to $1\frac{1}{2}$ inches cutting height. Rolomatic, puncture-proof tires, rubber covered roller. 18-inch cutting width. \$30.00.



GRASS HOOKS OR SICKLES. This Austrian sickle is lightweight but sturdy and easy to handle. \$1.75. Others 95c., and \$1.00.

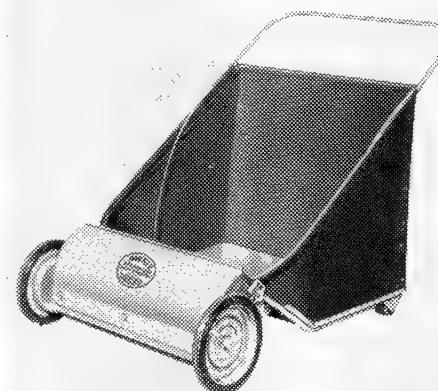
CLEMSON LAWN MOWER



GRASS CATCHERS

A fine labor saving device, easily attached to any mower.

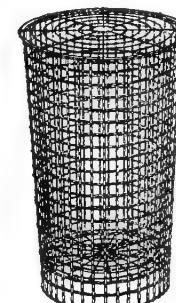
| | | | |
|------------------|--------|------------------|--------|
| 19 in. size..... | \$2.50 | 21 in. size..... | \$2.75 |
|------------------|--------|------------------|--------|



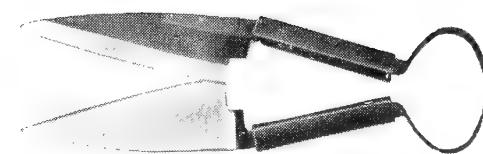
LAWN SWEEPERS

The PARKER-SPRINGFIELD sweeper has a sweeping width of 28 inches and a basket capacity of approximately 7 bushels, ruggedly constructed with wheel and side plates of cast aluminum alloy, semi-pneumatic tires and heavy canvas basket with metal bottom. Operates with a whirling motion that gently lifts all foreign matter from lawns, sidewalks, driveways in one-sixth the time of manual raking. Weight 48 lbs. \$46.50.

The PARKERETTE designed for smaller areas has a sweeping width of 28 inches but is not as sturdily constructed as the 28-inch Springfield. Weight 33 lbs. \$37.50.

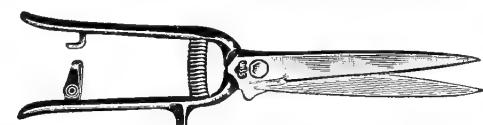


RUBBISH BURNER and TRASH CONTAINER. Wheeling quality burner, indispensable around the home grounds for disposal of rubbish and trash. Height 32 in.; width 18 in.; draft base 7 in. from ground level. \$6.75.



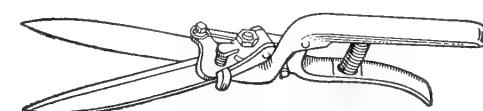
SHEEP SHEARS

Oil tempered edge blades, 6 inches long. Rubber grips on handles prevent blisters on hand. \$1.75.

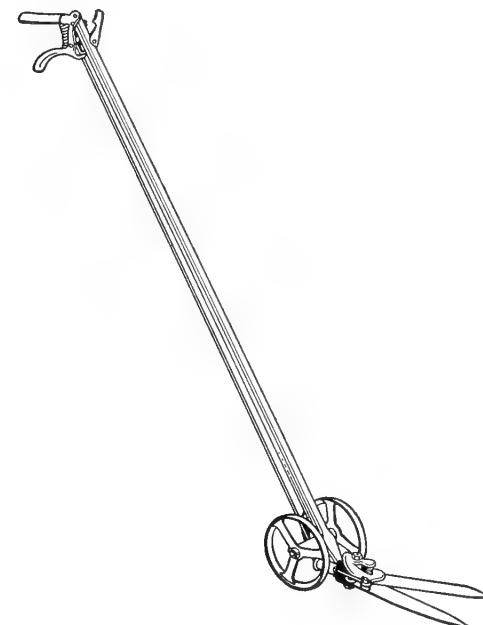


WISS GRASS SHEARS

Hot drop forged cutlery steel. Hollow ground slender blades. Red baked enamel handles. 12 inches overall. \$2.25.



Hand model MIRACLE grass shear is in our estimation the finest and best grass shear made today. \$2.50.



MIRACLE SHEARS

Another Blue Ribbon for the "Miracle"—on wheels. The easiest working and most powerful cutting long handle shear ever made with the now famous drop forged, hardened and oil tempered cutlery steel blades. Overall length 37 inches. \$7.50.

SUDBURY SOIL TEST KIT

Small kit to test soil acidity (pH) is handy for the home gardener. \$1.00.

Equipment for Watering

PLASTIC AND RUBBER HOSE

AMPECO PLASTIC HOSE. America's first and finest plastic hose, only about $\frac{1}{3}$ the weight of ordinary garden hose. Clear amber in color, with permanent Amertite couplings. 25-ft. \$5.95, 50-ft. \$10.95.

U. S. ROYALITE PLASTIC HOSE. Made by the United States Rubber Company of highest quality plastic, has sparkling non-fading red or green color and a glossy smooth surface. Flexible yet amazingly tough. Smooth waterway provides full flow, avoids pressure loss. Guaranteed for ten years. 25-ft. \$5.50, 50-ft. \$9.35.



U. S. RUBBER PREMIER HOSE. A low-cost hose that delivers plenty of service for the price. Lightweight and flexible with a single-braid body and black rubber cover. Guaranteed for two years. 50-ft. \$5.25.

ROYAL BROWN NEOPRENE CORRUGATED HOSE is a long-life, featherweight quality that is a real home hose. Both strength and flexibility come from a high-quality, single braid reinforcement. Guaranteed for 15 years. 50-ft. lengths complete with nickel grip couplings, \$9.00.

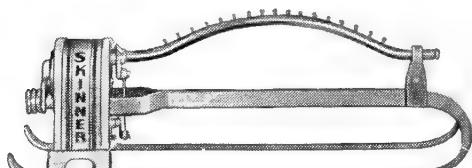
ROYAL CORD HOSE has the most attractive and toughest cover ever developed for any hose. This two-braid heavy duty hose will give many years of constant and dependable service. $\frac{3}{4}$ inch size, 50-ft. lengths, \$16.50; 1-inch size, 50-ft. lengths, \$20.00.



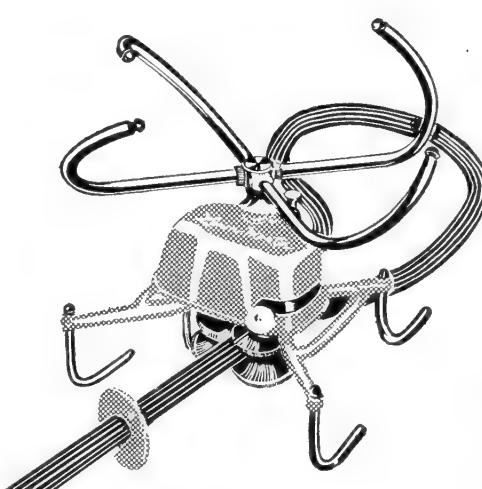
HOSE COUPLINGS AND MENDERS

Bulldog Hose Couplings (clincher type) made of brass. Repairs leaky hose with great ease. $\frac{1}{2}$ in., $\frac{5}{8}$ in., complete for both ends, 60c. Male end 30c., female end 35c.

Bull Dog Hose Menders (clincher type) made of brass. Simply cut the hose apart where it leaks and insert the tube and hammer down the steel fingers. $\frac{1}{2}$ in., $\frac{5}{8}$ in., $\frac{3}{4}$ in., 20c. each.



SKINNER SPRAY WAVE. An oscillating fan of spray covering an area of 40x50 feet, with an adjustable length of travel and variable speed. Complete on skid, \$18.75.



LAWN MASTER—Automatic Creeping Sprinkler. This automatic, traveling sprinkler is a new delight in watering lawn and garden. Lay out hose over area to be watered with shut off at any desired point along hose. Firmly grips any standard hose including plastic. \$29.95.



SOIL SOAKERS

Made of scientifically treated, mildew resistant canvas. One end screws to water hose, other end closed. Water seeps through every pore, soaks directly into the soil over an area of several feet on all sides. No spray, no waste. Four sizes: 12-ft. \$1.65, 18-ft. \$2.20, 30-ft. \$3.40, 50-ft. \$5.50.



WATERING CANS

Wheeling quality, galvanized, with removable roses. 6-qt. \$1.90, 8-qt. \$1.95, 10-qt. \$2.30, 12-qt. \$2.60.

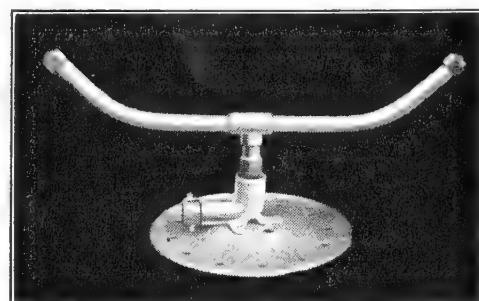
RAIN KING SPRINKLER.

The Model K Rain King is fully automatic. Adjustable by turning a dial from 5 to 50 feet. \$7.25.



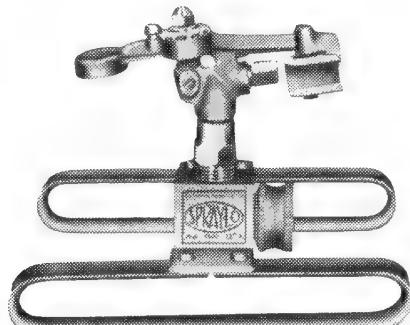
PERFECTION SPRINKLERS

There is a Perfection Sprinkler for every gardening need. These are the best inexpensive sprinklers we have ever sold. The simple, practical and sturdy construction makes them the "perfect" home sprinklers. They operate on low water pressure and give unusual coverage.

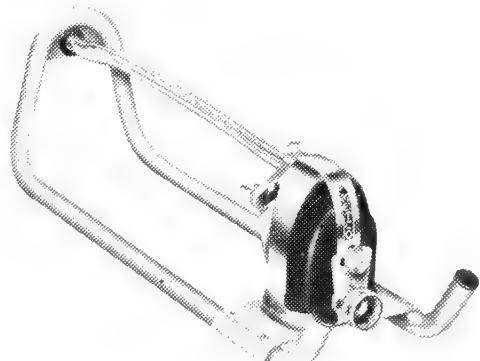


HD Jr. will operate on almost no pressure and outwear a dozen cheap sprinklers. \$3.85. HD with a slightly larger head gives more coverage on low pressure. \$5.50.

GARDEN SPECIAL has all the advantages all Perfections offer. Once you have used one of these Garden Specials, you would not part with it for twice the price. The 15 inch diameter base firmly supports the 36 inch riser. Particularly recommended for watering vegetable garden areas. \$12.00.



SKINNER SPRAY-LO. A precision sprinkler at a new low price. The highest point of the stream is only 3 feet above the ground and is not affected by wind. Gives uniform distribution, sturdily built. Covers a 30 foot diameter circle with 10 pounds pressure. \$6.75.



METCO WAVE SPRINKLER. Beautifully built of sturdy, lightweight aluminum for a lifetime of dependable service. Rigid construction withstands rough treatment. Non-corrosive materials throughout. Operates on normal city water pressure. \$16.50.

Seed Starting Requisites

PINE FLATS

Will not last as long as cypress but are very satisfactory.

| | |
|--------------|------------|
| 9x6x3..... | 2 for 25c. |
| 12x6x3..... | 15c. each |
| 12x12x3..... | 25c. each |
| 12x20x3..... | 35c. each |

CYPRESS FLATS

Made from genuine Tidewater cypress. May be used year after year.

| | |
|--------------|-----------|
| 12x20x3..... | 75c. each |
|--------------|-----------|



GRO-QUICK SOIL HEATING CABLE

Sizes for flats, cold frames, hot beds and greenhouse benches. Operates from household current.

JR. MODEL—Thermostat and 40 ft. of 200 watt electric heating cable. Takes care of one 3x6 ft. hot bed. Price \$6.75.

SR. MODEL—Thermostat and 80 ft. of 500 watt insulated electric heating cable. \$9.00.

FOR FLATS—Thermostat and 6 ft. of cable, \$5.50. Several units of cable can be attached to one thermostat. 6 ft. of cable alone, \$1.00.

THERMOSTATS only—\$4.50.

Thermostats and cables can be bought separately.

GENERAL ELECTRIC HEATING CABLE

This heating cable, laid in one or two inches of soil in hot beds and greenhouse benches, with a thermostat for automatic operation, will greatly speed germination of seeds. May also be used on roofs and pipes to prevent freezing. 60 ft. loop (400 watt—110 volt) insulated, lead covered resistance wire ready to plug into ordinary outlet. \$11.95.

Soil Thermostat. \$7.50.

NEW ERA POTTING SOIL

Already prepared for potting plants or transplanting seedlings. Lb. 19c., 4 lbs. 45c., 10 lbs. 75c.

A HOBBY THAT GROWS ON YOU

Stamp collecting, photography, boating, golfing or even antiques are wonderful hobbies. We believe sincerely in some diversion and interest aside from the enthusiasm which must be put into our daily job.

Gardening is a hobby that has no limit except the one put on it yourself. Many start in a very small way with a little garden for which plants have been obtained from the neighborhood greenhouse and perhaps a few seeds planted right out in the ground. As each year progresses, more is learned and activities expanded with that knowledge. Starting seeds in the house in preparation for the Summer garden is generally the next step and from then on—coldframe, hot bed, greenhouse—the limit being space available and pocketbook elasticity.

Gardening is a hobby that "grows" on you.

NEPONSET RED PAPER POTS

| Size | Doz. | 100 |
|------------|--------|--------|
| 2½ in..... | \$0.30 | \$1.20 |
| 3 in..... | .35 | 1.50 |
| 3½ in..... | .45 | 1.85 |
| 4 in..... | .55 | 2.20 |
| 5 in..... | .65 | 3.00 |
| 6 in..... | .85 | 4.50 |

FERTO POTS

Made from rich, rotted cow manure. Plant pot and all.

| Size | Doz. | 100 | 250 |
|------------|--------|--------|--------|
| 2 in..... | \$0.50 | \$2.50 | |
| 2½ in..... | .60 | 2.75 | \$5.00 |
| 3 in..... | .75 | 3.25 | 5.75 |

STANDARD CLAY POTS

| Diam. at top | Each | Doz. | 100 |
|--------------|------------|--------|--------|
| 2½ in..... | \$0.04 | \$0.45 | \$3.00 |
| 3 in..... | .05 | .60 | 3.50 |
| 3½ in..... | 2 for 15c. | .. | .85 |
| 4 in..... | .10 | 1.10 | 4.95 |
| 5 in..... | .15 | 1.75 | 9.00 |
| 6 in..... | .20 | 2.25 | 12.50 |
| 7 in..... | .30 | 3.25 | 20.00 |
| 8 in..... | .40 | 4.50 | |
| 9 in..... | .60 | 5.25 | |
| 10 in..... | .85 | ... | |
| 12 in..... | 1.35 | ... | |

WIK-FED POTS

Wick feeds moisture to roots by capillary attraction. The reservoir base provides constant and ample supply of water. Excellent for starting some of your "special varieties" from seed.

| | |
|--------------------------|--------|
| Plastic, 4 in. size..... | \$1.00 |
| Plastic, 5 in. size..... | 1.50 |

PLANT BANDS

Square, open bottom, waterproof pots, for use in flats or any wooden box, for potting seedlings.

| Size | 25 | 50 | 100 |
|----------------|--------|--------|--------|
| 2x2x2½ in..... | \$0.30 | \$0.55 | \$1.00 |
| 3x3x3 in..... | .45 | .85 | 1.65 |

TRANSPLANTONE

Contains hormones and vitamins B and C. One level teaspoon makes 10 gals. of solution. Water your plants with this solution for better roots and more vigorous growth. ½ oz. 25c., 3 ozs. \$1.00.

SEMESAN

Seed disinfectant important for control of damping off of seedlings. ⅓ oz. 10c., 2 ozs. 40c.

SPERGON

New seed protectant and stimulant. It kills harmful fungi which cause damping off and allows the seed to germinate naturally and produce healthy, vigorous seedlings. Stimulates growth and safe to use. Oz. 25c., 5 ozs. \$1.00.

ARASAN

A new DuPont organic seed disinfectant and protectant. Prevents seed decay caused by fungi and bacteria. Oz. 25c.

ROOTONE

A hormone powder, easy to use. Just dip and plant. ¼ oz. 25c., 2-oz. jar \$1.00.

TAKE-HOLD

A starter solution for use when setting out young plants. Material is scientifically balanced and all soluble. Prevents wilting, plants become established faster and resume growth earlier. ¼ lb. 25c., 1 lb. 75c.

FORMACIDE

Seed and soil-treating compound, giving complete soil sterilization. Also stimulates plant growth. 8 ozs. 50c.

COLD FRAMES AND SASH

Cypress frames and sash will last for years. These are painted and glazed with double thick glass. Standard Model, 3x6 ft. with two 3x3 ft. sash for ease in handling. \$29.95.

Lord & Burnham frame 4x4 ft., with two 2x4 ft. sash. \$30.00.

Other models and sizes available.

FERMATE

New organic sulphur compound. Exceptionally fine for control of damping off in seed beds, black spot, scab on fruits, anthracnose on tomatoes and many other uses. 4 ozs. 50c., 8 ozs. 75c.

CUPRINOL

A wood preservative. Prevents fungus growth, dry rot, wood borers, mildew and marine growth. Qt. \$1.25, gal. \$3.95.

**TERRA-LITE VERMICULITE**

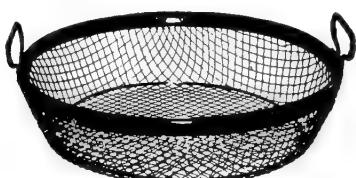
A natural mineral which provides an excellent medium for starting seeds as it is completely sterile. It holds moisture well and treated with nutrients, speeds germination and stimulates strong root growth. 4 qts. 40c., $\frac{1}{2}$ bu. 85c., 2 bu. \$1.95.

SPHAGNUM MOSS

Screened, this makes an excellent medium for starting tiny seeds such as Petunias, Snapdragons, etc. It is free of many of the ills associated with unsterilized soil. Lb. un-screened moss, 35c.

RUBBER SPRA-BULB

Indispensable for spraying house plants and young seedlings. New model with intake valve permits easier filling. Small size, \$1.00; larger size, \$1.50.

**SOIL SIFTER**

Handy sifter for soil to be used in seed flats, window boxes, etc. 13 $\frac{1}{2}$ in. top diameter. Fine or medium, \$1.40.

**GERMACO HOTKAPS**

A wax paper plant protector, serving as an individual greenhouse for plants. A good protection against frost and insects.

| | |
|----------------------------------|--------|
| 25 Kaps and setter..... | \$0.70 |
| 100 Kaps, setter and tamper..... | 2.75 |
| 250 Kaps, setter and tamper..... | 4.65 |

MARKING PENCILS

Weather proof Wax 15c. each.

WICKING

Fiber glass wicking is used for subirrigation of flats and pots. 25c. per ft.

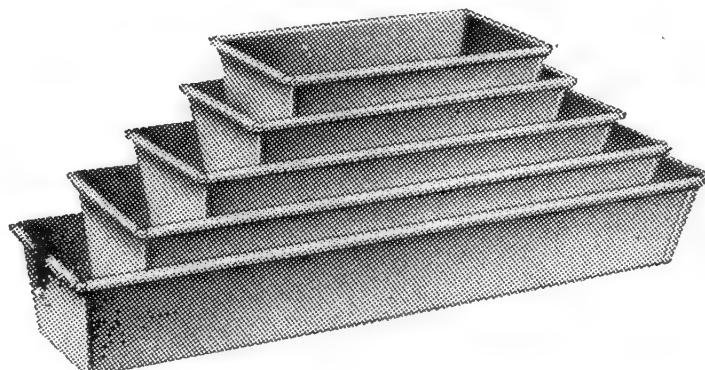
WOODEN LABELS

For pots and flats—painted.

| | |
|--|----------------|
| 3 $\frac{1}{2}$ in. Wired tree label..... | \$0.45 per 100 |
| 4x $\frac{5}{8}$ in. Wooden plant label.... | .40 per 100 |
| 5x $\frac{5}{8}$ in. Wooden plant label.... | .50 per 100 |
| 6x $\frac{5}{8}$ in. Wooden plant label.... | .55 per 100 |
| 8x $\frac{7}{8}$ in. Wooden plant label.... | 1.10 per 100 |
| 10x $\frac{7}{8}$ in. Wooden plant label.... | 1.55 per 100 |
| 12x $\frac{7}{8}$ in. Wooden plant label.... | 1.75 per 100 |

VIMLITE

The most popular of the glass substitutes on the market. Vimlite is easy to install, unbreakable and flexible, and is used in hotbeds, coldframes and greenhouses. The plastic film transmits the sun's Infra-Red rays, also Ultra-Violet rays but diffuses the rays to prevent any plant scorching. 36 in. wide. \$1.35 per lineal yard.

Window Boxes Add Fun to Gardening

WINDOW BOXES. Green enameled heavy steel boxes with reinforced wire edges. Complete with drain trays. 8 inches wide, 5 $\frac{1}{8}$ inches deep.

| | |
|---------------------|--------|
| 18 inch length..... | \$1.10 |
| 24 inch length..... | 1.30 |
| 30 inch length..... | 1.60 |
| 36 inch length..... | 2.00 |

PLANTS WHICH MAY BE USED IN SEMI-SHADED WINDOW BOXES ON PORCHES AND TERRACES AND WINDOWS

Tuberous Begonias, Fibrous-rooted Begonias, Fuchsia, Trailing Lobelia, Balsam, Vinca minor, Vinca major, Kenilworth Ivy and English Ivy.

PLANTS FOR WINDOW BOXES IN FULL SUN

Geraniums, Lantana, Petunias, Phlox drummondii, Dwarf Marigolds, Ageratum and Thunbergia alata.

Flowers

THE ANNUALS

No garden is complete without the colorful, showy annuals, most of which grow so easily from seed.

AGERATUM

An excellent edging plant for all flower beds and borders.

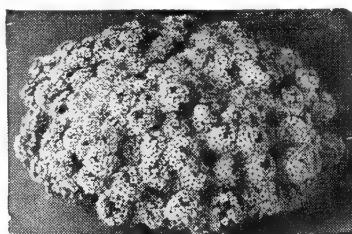
BLUE CAP. Dwarf, rich blue flowers in close heads. Compact 4-inch plants. Pkt. 25c., $\frac{1}{16}$ oz. 60c., $\frac{1}{8}$ oz. \$1.00.

MIDGET BLUE. Dainty sort for edging, true blue, 4 inches high. Pkt. 25c., $\frac{1}{16}$ oz. 60c., $\frac{1}{8}$ oz. \$1.00.

FAIRY PINK. Soft salmon rose, 5 inches high. Pkt. 25c., $\frac{1}{16}$ oz. \$1.00.

ALYSSUM

One of the best edging plants we know. Flower beds and borders are always trim and neat with lacy-white collars of Alyssum.



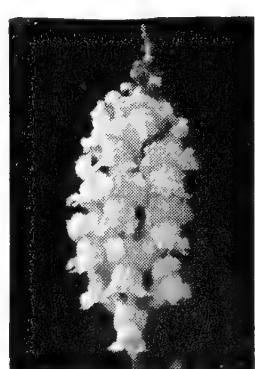
LITTLE GEM. Dwarf, compact and pure white. Erect and 6 inches high. Pkt. 10c., $\frac{1}{4}$ oz. 30c., $\frac{1}{2}$ oz. 50c., oz. 85c.

CARPET OF SNOW. Masses of snowy white blooms, 3 inches high. Pkt. 10c., $\frac{1}{4}$ oz. 35c., $\frac{1}{2}$ oz. 60c., oz. \$1.00.

VIOLET QUEEN. A most attractive free-flowering violet-colored edging plant. Pkt. 15c., $\frac{1}{8}$ oz. 45c., $\frac{1}{4}$ oz. 75c.

ANTIRRHINUM Maximum (Snapdragons)

The aristocrats of the flower garden. If seeds of the rust-resistant strains are used, the beautiful flowers, shiny foliage will furnish an unlimited source of pleasure all Summer. They must be started early but are one of the easiest seedlings to start indoors because they do not require such high temperatures for germination and growth. After setting in the garden, keep them pinched until they have formed good bushy plants and from then on, they afford a riot of color and plenty of cutting.



COPPER SHADES. Shades of copper and bronze.

LOVELINESS. Pure soft rose-pink.

RED CROSS. Deep crimson with pure white throat.

SNOW GIANT. White.

YELLOW GIANT. Canary yellow.

PINK SENSATION. Pure, clear pink.

CRIMSON. Fiery crimson, dark foliage.

Pkt. 25c., $\frac{1}{16}$ oz. 60c., $\frac{1}{8}$ oz. 85c., $\frac{1}{4}$ oz. \$1.50.

MIXED. Pkt. 15c., $\frac{1}{16}$ oz. 50c., $\frac{1}{8}$ oz. 85c.

TETRA SNAPDRAGONS

Giant ruffled Tetraploid Snapdragons. These are a new "scientific" creation with distinctive and attractively ruffled flowers. Every color known will be found in these blossoms, plus some new ones. A most unusual mixture. Pkt. 25c., $\frac{1}{8}$ oz. \$1.00, $\frac{1}{4}$ oz. \$1.50.

ASTERS



Aster

Superb addition to the cutting garden and a lovely array of color in the mixed border. Aster seed can be planted out-of-doors when the ground is warm and will give abundant bloom in the early Fall. For earlier bloom, seed may be sown in the hotbed or seed pans in the house.

GIANT BRANCHING (Wilt Resistant)

(Also known as American, Semple's and Vick's Branching). Plants grow 2 to 3 feet tall, producing stems 2 feet long which are fine for cutting.

| | | |
|----------------|--------------|---------------|
| Azure Blue | Scarlet Rose | Peach Blossom |
| Bright Scarlet | Shell Pink | Purple |
| | White | |

Pkt. 15c., $\frac{1}{8}$ oz. 50c., $\frac{1}{4}$ oz. 85c.

All colors mixed

Pkt. 10c., $\frac{1}{8}$ oz. 35c., $\frac{1}{4}$ oz. 60c.

GIANT CREGO (Wilt Resistant)

Flowers 4-5 inches across with gracefully curled and twisted petals. Midseason blooming with strong 2-foot stems.

| | | |
|-------------|---------------|-----------|
| Azure Blue | Peach Blossom | Navy Blue |
| Shell Pink | Crimson | Deep Rose |
| Salmon Rose | Violet | White |

All colors mixed.

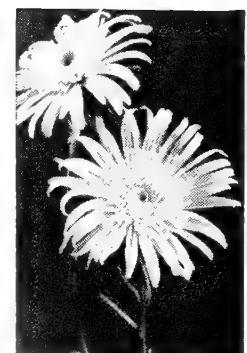
All pkts. 15c., $\frac{1}{8}$ oz. 45c., $\frac{1}{4}$ oz. 75c.

HEART OF FRANCE (Wilt Resistant)

Beautiful deep ruby-red blooms, large and fully double. Borne from midseason until frost, plants 18 inches high. Pkt. 15c., $\frac{1}{8}$ oz. 50c., $\frac{1}{4}$ oz. 85c.

CALIFORNIA GIANT SUNSHINE ASTERS.

The daintiest and most graceful Aster that grows, although not rust resistant. They are composed of a single row of long narrow petals surrounding a small yellow quill-like disc. Their fairy-like appearance is beautiful. Pkt. 15c., $\frac{1}{8}$ oz. 50c., $\frac{1}{4}$ oz. 85c.

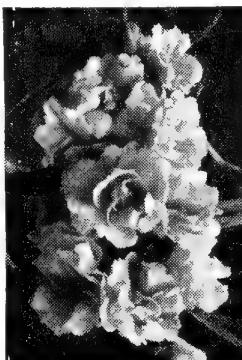


Sunshine Aster

BALSAM

(Lady's Slipper)

An excellent plant for semi-shade. Dainty plants covered with brilliant double camellialike flowers. Shades of pink, rose, red and white. Excellent for bedding. Pkt. 15c., $\frac{1}{4}$ oz. 50c., oz. \$1.50.



Balsam (Ladyslipper)

BRACHYCOME

(Swan River Daisy)

Compact plant 8 inches high, single blue or white flowers. Blooms all Summer and is suitable for beds and borders. Mixed colors. Pkt. 10c.

CALENDULA

The glistening yellows and oranges of the Calendula with their snapping brown eyes, lend a colorful note to any garden. They grow best in cooler weather, so set them out early. A little shade will oftine help.

CHRYSANTHA. Incurved petals of pure buttercup yellow.

APRICOT. Soft apricot with dark eye.

PERSIMMON BEAUTY. Persimmon orange.

LEMON QUEEN. Deep golden yellow with dark brown eye.

CREAM BEAUTY. Creamy white shading to soft yellow.

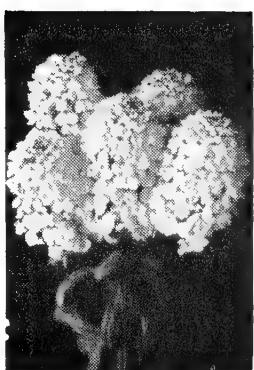
ALL COLORS MIXED.

ANY OF ABOVE

Pkt. 15c., $\frac{1}{4}$ oz. 50c., $\frac{1}{2}$ oz. 85c.



Calendula



Candytuft

CANDYTUFT

(Iberis)

This profuse growing annual is charming for beds, borders and rock gardens. Should be planted early. Grows 1 foot tall.

GIANT HYACINTH FLOWERED. Well branched plants have hyacinth-like spikes of pure white. 1 foot tall. Pkt. 15c., $\frac{1}{4}$ oz. 45c., $\frac{1}{2}$ oz. 80c.

UMBELLATA. Umbrella-shaped flower heads made up of many small florets cover the dwarf bushy plants. Comes in many lovely colors.

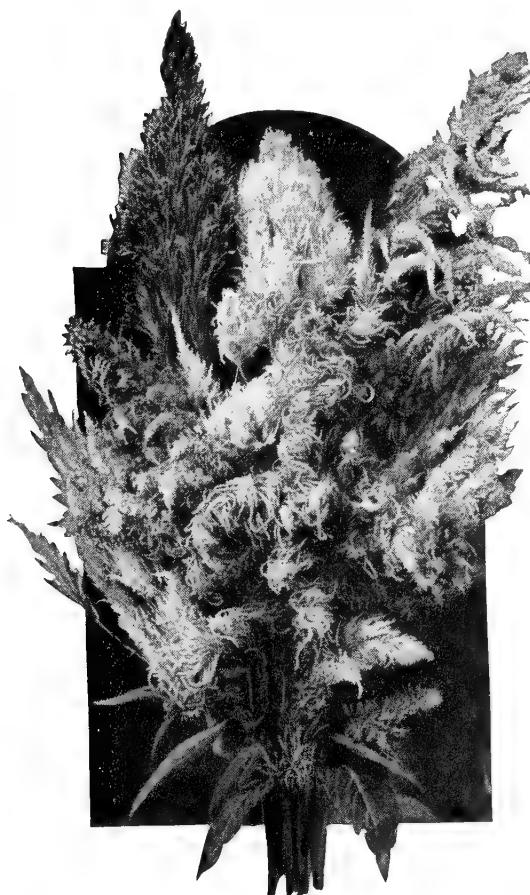
Carmine-rose Rose Cardinal Flesh Pink
White Lilac

All colors mixed.

Any of above: Pkt. 10c., $\frac{1}{4}$ oz. 35c., $\frac{1}{2}$ oz. 60c.

CELOSIA

This flower was always found in Grandmother's garden and it would be just as lovely in ours if we planted it. Tall varieties make nice accent plants, dwarf ones excellent for beds and borders. All are good for dried arrangements.



Celosia Plumosa (Pride of Castle Gould)

PRIDE OF CASTLE GOULD. Tall feathered Cockscomb with long, silky plumes of yellow, scarlet and crimson. Pkt. 25c., $\frac{1}{8}$ oz. 60c.

FIRE FEATHER and GOLDEN FEATHER. Brilliant silky plumes as their names suggest. 18 in. tall. Pkt. 25c., $\frac{1}{8}$ oz. 60c.

CELOSIA SPICATA. Round, slender, pointed flowers 2 to 4 inches long and 1 inch across. Flowers are soft bright rose changing to silvery white as they mature. The prettiest of all Celosia in our estimation. Pkt. 15c., $\frac{1}{8}$ oz. 50c.

CRISTATA, Crested Cockscomb. The name "Cockscomb" applies to this group. The silky "combs" are as soft as velvet. EMPRESS is a deep crimson-purple. Also available in dwarf mixtures of many shades of yellow to red or in the tall mixture of well-blended colors. Pkt. 15c., $\frac{1}{8}$ oz. 50c.

CLARKIA

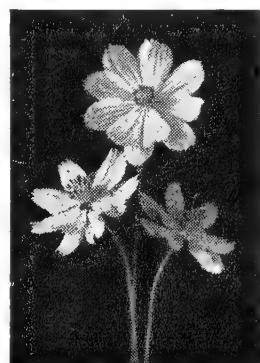
Showy double flowers on leafy spikes, excellent for cutting. Grows fairly well in semi-shade. Salmon, red, purple and white mixed. Pkt. 15c., $\frac{1}{4}$ oz. 45c.

CLEOME
(Spider Flower)

Pink Queen grows 5 feet tall and is very erect. It holds fast to its seed pods all Summer but keeps on blooming. When Fall comes the seeds are scattered to the four winds and Cleome is in the garden forever after. A lovely pink background plant. Pkt. 15c., $\frac{1}{8}$ oz. 35c.

COSMOS

These delicate, graceful flowers will grow easily in any garden. May be started indoors or sown in the open ground in May. Plant a row down the center of the Asparagus bed. You will be delighted when they bloom amid the fern-like green of the Asparagus.

**Cosmos Sensation—Mammoth**

RADIANCE. Deep rose petals with crimson zone. New and lovely. Pkt. 15c., $\frac{1}{8}$ oz. 60c. PINK, RED and WHITE or MIXED COLORS. Pkt. 10c., $\frac{1}{8}$ oz. 35c., $\frac{1}{4}$ oz. 60c.

Cosmos Crested—Early Double

A wide variance of crested or anemone-shaped flowers with double center and row of guard petals around the base. Decorative in the garden or as a cut flower. Red, pink, white or mixed colors. Pkt. 25c., $\frac{1}{4}$ oz. 85c.

Cosmos Late Tall Single

Mammoth flowers blooming late in Summer, 5 feet tall.

LADY LENOX. Rosy pink

CRIMSON

LADY LENOX. White

WHITE

All colors mixed.

Any of the above: Pkt. 10c., $\frac{1}{4}$ oz. 35c.**CORNFLOWER**

(Centaurea Cyanus)

A flower with many names, but we think "Bachelor's Button" a misnomer because more blue cornflowers are planted by milady for her husband's button hole than any other flower known. Sow outdoors in April.

BLUE BOY

PINKIE. Rose

RED BOY. Deep red

SNOW MAN. White

Pkts. 15c., $\frac{1}{4}$ oz. 45c., $\frac{1}{2}$ oz. 75c.

All colors mixed. Pkt. 10c., $\frac{1}{4}$ oz. 35c., $\frac{1}{2}$ oz. 60c.

JUBILEE GEM. Dwarf Double. Bushy compact plants, 1 foot tall, covered with rich, dark blue flowers. Pkt. 15c., $\frac{1}{4}$ oz. 45c., $\frac{1}{2}$ oz. 75c.

CYNOGLOSSUM
(Chinese Forget-me-not)

Blooms from May to frost and prefers moist loam and half shade. A fine border plant producing sprays of bright blue flowers all Summer. Amabile Blue, 18 in. tall. Firmament 15 in. tall. Pkt. 15c., $\frac{1}{4}$ oz. 50c.

DAHLIAS (From Seed)

The most fascinating flowers in the garden. Grow as easily as Zinnias from seed and reproduce fairly true to color and type. Since there is usually some variation in their colors, we find them that much more interesting.

COLTNESSE SINGLE HYBRIDS. Lovely single flowers about 3 in. across, profusely borne on dwarf, compact plants. Many showy colors. Pkt. 15c., $\frac{1}{8}$ oz. 40c.

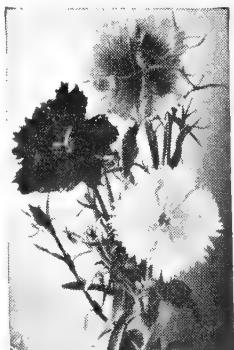
UNWIN'S DWARF HYBRIDS. Early-flowering, semi-double Dahlias in a varied assortment of colors. Bushy plants about 2 ft. tall, covered with blossoms. Pkt. 25c., $\frac{1}{8}$ oz. 85c.



Dahlia

DIANTHUS or Annual Pinks

There are many different varieties and colors of this dainty, sweet-scented flower. These spicy and saucy little flowers bloom from early Summer until late Fall and are a constant delight both for garden display and for cutting. CHINENSIS. Double mixed. Blooms in clusters on upright, strong stems. White, pink rose, scarlet, crimson with pleasing borders. A showy type. Pkt. 10c., $\frac{1}{4}$ oz. 40c., $\frac{1}{2}$ oz. 70c.



Dianthus, Annual

HEDDENSIUS. Mixed colors. Large flowers 2 inches across with all the lovely colors and markings to be found in Dianthus. Stems average 16 inches long. An especially valuable mixture. Pkt. 25c., $\frac{1}{8}$ oz. 75c.

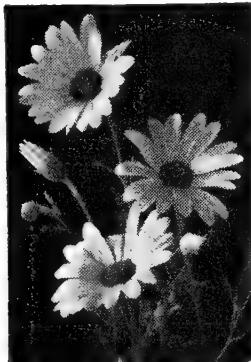
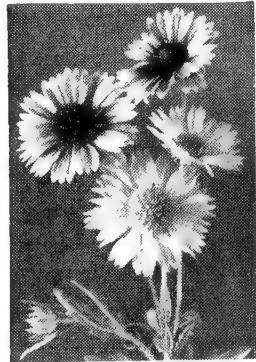
HEDDEWIGI LACINIATUS. Mixed colors. Double fringed and laciniated carnation-like flowers in a wide range of colors, many with contrasting edges and fancy patterns. Pkt. 15c., $\frac{1}{4}$ oz. 50c., $\frac{1}{2}$ oz. 75c.

WESTWOOD BEAUTY. Large single flowers 1 to 2 inches across, predominantly crimson with other shades of red, scarlet, carmine to deep rose, some edged with white. Pkt. 25c., $\frac{1}{8}$ oz. 75c.

DIMORPHOTHECA

(African Daisy)

AURANTIACA. A showy branching plant; about 12 inches high. The single, daisy-like blossoms, $2\frac{1}{2}$ inches in diameter are orange with a dark colored disk, zoned black. Flower early in sunny situations. Pkt. 15c.

Dimorphotheca
(African Daisy)Gaillardia
(Blanketflower)**GAILLARDIA PICTA**
(Blanket Flower)

One of the most dependable and profuse blooming plants in the garden. Stands drought and hot weather, furnishing long-stemmed flowers throughout the Summer and Fall. Average height about 15 inches.

GAIETY MIXTURE. Claret, yellow, sulphur, orange, maroon double flowers.

INDIAN CHIEF. Metallic bronze-red flowers with dark mahogany center.

Either of above:

Pkt. 15c., $\frac{1}{4}$ oz. 45c., $\frac{1}{2}$ oz. 75c.

FORGET-ME-NOT

(Myosotis)

Alpestris varieties will bloom in early Spring in any well-drained, sunny location.

ROYAL BLUE. Long sprays of rich indigo-blue flowers. Pkt. 15c., $\frac{1}{8}$ oz. 50c., $\frac{1}{4}$ oz. 85c.

BLUE BIRD. Deep, rich shade of blue. Pkt. 15c., $\frac{1}{8}$ oz. 50c., $\frac{1}{4}$ oz. 85c.

GODETIA

(Satin Flower)

A showy little annual of compact growth, about 1 foot high. Flowers are about 3 inches across of brilliant coloring. Fairly good shade plant.

SYBIL SHERWOOD. Salmon-pink softened with an edging of white. Pkt. 15c., $\frac{1}{8}$ oz. 40c., $\frac{1}{4}$ oz. 70c.

All colors mixed. Containing rose, carmine, pink, cattleya-blue and white. Pkt. 10c., $\frac{1}{4}$ oz. 35c., $\frac{1}{2}$ oz. 60c.

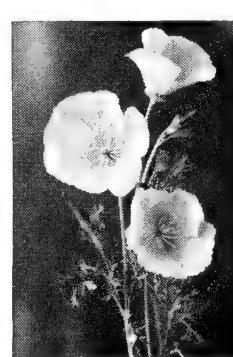
GYPSOPHILA

(Baby'sbreath)

A dainty old-fashioned flower of misty grace. Airy and lovely mixed in bouquets. Make sowings every 2 to 3 weeks.

KING OF THE MARKET. Pure white flowers on rugged, upright plants about 2 feet tall. Pkt. 10c., $\frac{1}{4}$ oz. 35c., $\frac{1}{2}$ oz. 60c.

CARMINEA. Fine deep pink. Pkt. 15c., $\frac{1}{4}$ oz. 50c.

Gypsophila
(Baby'sbreath)

Hunnemannia

HUNNEMANNIA

Santa Barbara Poppy

This flower is lovely in the garden under any condition. Mixed with something blue, they are truly beautiful. Bloom in September and October. Sow the seeds in the open ground in late May. An excellent cut flower, the exception in the Poppy family.

SUNLITE. A bright canary yellow of great substance growing 2 feet tall. Pkt. 15c., $\frac{1}{4}$ oz. 60c., $\frac{1}{2}$ oz. \$1.00.

HOLLYHOCK

(Annual)

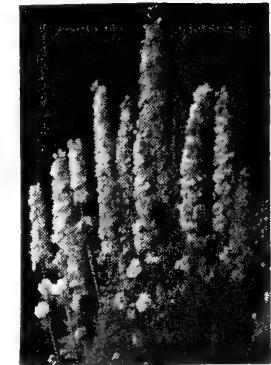
Called annual because the plants will flower the first season from seed if planted early. Plants grow 4 to 5 feet high.

INDIAN SPRING. Semi-double fringed flowers in shades of pink and rose to rosy carmine. Pkt. 15c., $\frac{1}{8}$ oz. 45c., $\frac{1}{4}$ oz. 75c.

INDIAN SUMMER. Has color range and size of bloom of the regular perennial types. 5 feet tall and a good background for dwarf flowers. Sow in April if possible. Pkt. 25c.

LARKSPUR

Many of our customers plant Larkspur seed in the Fall. This has proven so satisfactory that we recommend this time of planting to all our friends. However, it will grow well, if planted directly into the garden very early in the Spring. Larkspur does not transplant well.



Larkspur

GIANT IMPERIAL.

Grows upright like Delphiniums. Well-formed, large double flowers in a wonderful range of colors.

Azure Blue Scarlet
Rose Pink Lilac
Mixed

Salmon pink
White

Any of the above:

Pkt. 15c., $\frac{1}{8}$ oz. 45c., $\frac{1}{4}$ oz. 75c.

SUPREME LARKSPUR. New double stock-flowered, heavy branching.

Azure Blue Purplish Violet Pink
Rosy Scarlet Glistening White Deep Rose
Salmon Pink Mixed

All of the above: Pkt. 15c., $\frac{1}{4}$ oz. 60c.

LOBELIA

Dainty, compact, dwarf plant covered with bright blue flowers throughout the Summer. Excellent for beds, borders and the rock garden. Does well in semi-shade.

BLUE GOWN. Clear deep blue.

CAMBRIDGE BLUE. Light blue with green foliage.

CRYSTAL PALACE. True, deep blue with dark foliage.

Any of the above:

Pkt. 20c., $\frac{1}{8}$ oz. 75c., $\frac{1}{4}$ oz. \$1.00

SAPPHIRE (Trailing). Large, deep blue flowers with showy white eye. Pkt. 25c., $\frac{1}{8}$ oz. 85c.

MARIGOLDS

Sturdy, easy-to-grow annuals which will provide a spectacular and colorful display in the garden all Summer and furnish plenty of cut flowers as well. For those to whom the odor of their foliage is offensive, we suggest the newer types which are ODOR-LESS. Here is our choice of these favorites, though we confess the decisions were hard to make.



Flash

Dwarf Double French

Ideal for edgings, borders and bedding. FLASH. The new French single which comes in a combination of colors from vivid red through bronze to yellow. Uniform compact plants 18 in. high. Pkt. 10c., $\frac{1}{8}$ oz. 35c., $\frac{1}{4}$ oz. 60c.

MARIGOLDS—Continued

NAUGHTY MARIETTA. Wide open, single flowers, 2 in. across, varying in color, according to the season. Rich golden yellow flowers attractively blotched maroon. Early and continuous bloom. Pkt. 15c., $\frac{1}{8}$ oz. 50c., $\frac{1}{4}$ oz. 85c.

RED HEAD. Striking flowers, 2 in. across, made up of a crested center composed of many tiny, erect golden petals edged maroon. The base petals are a rich mahogany bronze. Form very compact plants. Pkt. 25c., $\frac{1}{8}$ oz. 75c.

YELLOW PYGMY. Plants grow 6 in. high with flowers of lovely lemon-yellow. Masses of color all Summer.

SPRY. If a little hedge-row of color is wanted all Summer, there is nothing to equal this Marigold. Flowers have a bright yellow pin-cushion center with outside rows of mahogany red petals.



Spry

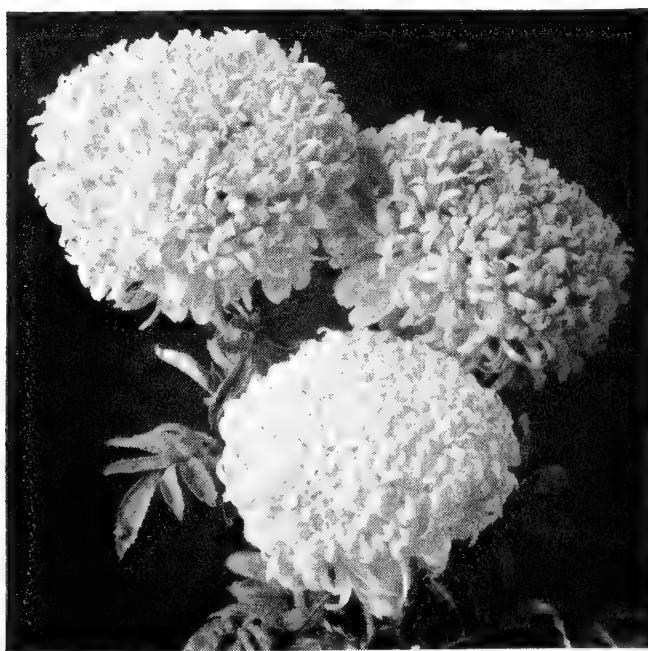
SCARLET GLOW. The brightest red of all dwarf varieties. The flowers are deep scarlet, growing about 10 in. high.

All above: Pkt. 15c., $\frac{1}{8}$ oz. 50c., $\frac{1}{4}$ oz. 85c.

Chrysanthemum Flowered

LIMELIGHT. The lightest in color of all Marigolds. A very soft primrose-yellow or chartreuse color. Flowers about 2½ in. across and are made up of hundreds of artistically curled and interlaced petals, forming a most exquisite pompon chrysanthemum-like head. Bushy plants about 20 in. high. Pkt. 15c., $\frac{1}{8}$ oz. 50c.

MAMMOTH MUM. The largest of the Chrysanthemum types. Fluffy, ball-like, light sulphur-yellow blooms made up of many finely cut individual florets, intertwined in true Mum form. Plants are upright, about 30 in. tall and the flower stems are exceedingly long and sturdy. Pkt. 25c., $\frac{1}{8}$ oz. 75c.



Chrysanthemum-flowered Marigold

Carnation Flowered

PRIMROSE. One of the loveliest of the larger type Marigolds. A true light yellow, with flowers 3½ in. across of pleasing primrose yellow with the petals waved and rolled. This is a must in my garden. Pkt. 25c., $\frac{1}{16}$ oz. 60c.

VICTORY. A companion piece for Primrose in a crisp, light shade of golden orange flowers. The petals are frilled and cupped giving it a fluffy daintiness in a deeper shade. Pkt. 15c., $\frac{1}{8}$ oz. 50c., $\frac{1}{4}$ oz. 85c.

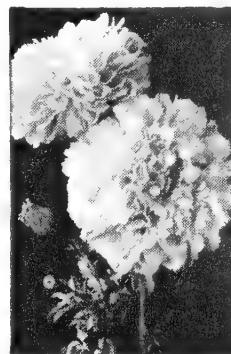
Marigolds with Odorless Foliage

MAYLING. A rich buttery golden primrose color with odorless foliage. Petals are incurved practically their entire length with fringed edges. Beautiful. Pkt. 15c., $\frac{1}{8}$ oz. 50c.

BURPEE GOLD. Carnation-like flowers 3½ to 4 in. across of a bright orange color with the long petals petals loosely and artistically arranged. Pkt. 25c., $\frac{1}{8}$ oz. 75c.

SPECIAL MIXTURE OF CARNATION MARIGOLDS WITH ODORLESS FOLIAGE. All the lovely colors mixed. Pkt. 25c., $\frac{1}{8}$ oz. 75c.

TAGETES SIGNATA PUMILA (Golden Ring). Extremely free-flowering dwarf plants 8 to 10 in. tall, with fine, lacy foliage for edgings, borders and rock gardens. Pkt. 15c., $\frac{1}{8}$ oz. 50c., $\frac{1}{4}$ oz. 85c.

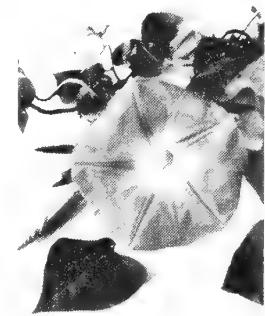


Carnation-flowered Marigold

About 2½ ft. tall.

MORNING GLORIES

Saying an early "good morning" on bright sunny days, these are the most satisfactory of all quick-growing vines. They make a quick cover and the clear, gay colors lend a cheerful note in the early morning hours.

Ipomoea
Heavenly Blue

SCARLETT O'HARA. Bright rosy-red flowers, exceptionally dense foliage.

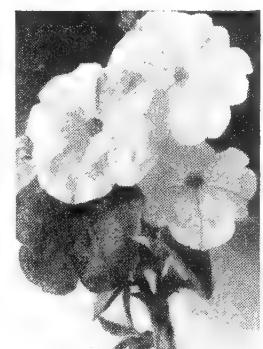
PEARLY GATES. Enormous flowers of clear, shining white.

Pkt. 15c., $\frac{1}{4}$ oz. 50c., $\frac{1}{2}$ oz. 85c.

PETUNIAS

For masses of flowers all Summer long, nothing equals Petunias. They are especially satisfactory in that no insect bothers this plant. Should be started indoors in March or in the cold frame in April.

Dwarf Compact Bedding Varieties. These grow about 1 foot tall and are of compact habit, particularly suited for bedding and borders.



Bedding Petunia



PETUNIA, FIRE CHIEF. Brilliant color, the reddest Petunia you've ever seen. Dwarf habit, free blooming Hybrida Nana Compacta type. The only All-America winner for 1950 and was the overwhelming choice of 20 judges. Plants will reach a height of 1 foot or more with flowers about 2½ in. across. Pkt. 25c., 2 pkts. 45c., 3 pkts. 60c.

PETUNIAS—Continued

ALDERMAN. Dark violet-blue, with darker throat of velvety appearance. Pkt. 10c., $\frac{1}{8}$ oz. 40c.

CHEERFUL. Salmon-pink. A newer variety that adds sparkle to any garden. Pkt. 35c., 2 pkts. 65c., $\frac{1}{16}$ oz. \$1.00.

ELK'S PRIDE. Large and profuse blooms of velvety black-purple. Pkt. 25c., 2 pkts. 45c., 3 pkts. 60c.

FIRST LADY. Clear, blush-pink flowers, large and profuse on neat bushy plant. Pkt. 25c., 2 pkts. 45c., $\frac{1}{16}$ oz. 60c.

FLAMING VELVET. Deep velvety mahogany red. Pkt. 25c., 2 pkts. 45c., $\frac{1}{16}$ oz. 60c.

SNOWSTORM. Glistening white, shadowing yellow in the throat. Flowers often 4 to 5 in. across. Pkt. 15c., $\frac{1}{8}$ oz. 45c., $\frac{1}{4}$ oz. 75c.

TOPAZ QUEEN. Most popular of all rose-pink Petunias. Coloring is deeper and does not fade in the sun. Uniform compact plant with flowers freely borne throughout the Summer. Pkt. 25c., 2 pkts. 45c., $\frac{1}{16}$ oz. 60c.

KING HENRY. Velvety blood-red, dwarf and very compact. Pkt. 35c., 2 pkts. 65c., $\frac{1}{16}$ oz. \$1.00.

RADIANCE. Glowing, soft cerise rose with underlying salmon. Pkt. 25c., 2 pkts. 45c., $\frac{1}{16}$ oz. 60c.

FRINGED SNOWSTORM. Excellent new white Petunia with fringed petals. Compact and profuse bloomer. Pkt. 35c., 2 pkts. 65c., $\frac{1}{16}$ oz. \$1.00.

WHITE MOUND. Glistening white flowers, free-blooming on dwarf compact plants about 1 ft. tall. Excellent for beds, pots, window boxes and cutting. Pkt. 35c., 2 pkts. 65c., $\frac{1}{16}$ oz. \$1.00.

Balcony Petunias

Balcony Petunias are especially recommended for window boxes, walls or any place where the long stems can hang, forming graceful and beautiful effects.

BLUE, CRIMSON, ROSE-PINK and WHITE. Pkt. 25c., 2 pkts. 45c., $\frac{1}{16}$ oz. 75c.

ALL COLORS MIXED. Pkt. 15c., $\frac{1}{16}$ oz. 60c., $\frac{1}{8}$ oz. \$1.00.

Multiflora Petunias

These are the first true generation of hybrids. Both listed below are extremely vigorous, more uniform in growth and produce larger flowers than their parents.

SILVER MEDAL. A lustrous salmon-cerise with an orange undertone, gradually changing to a delightful shade of rich salmon as they mature. Plants grow about 1 ft. tall and spread 18 to 20 in. and are always covered with blooms. Pkt. (100 seeds) 50c., 2 pkts. 95c., 3 pkts. \$1.35, 5 pkts. \$2.00.

PINK SENSATION. A lovely rose-pink with a deeper veining of pink and white throat. Flowers often 3 in. across on plants growing 2 ft. tall. Pkt. (100 seeds) 50c., 2 pkts. 95c., 3 pkts. \$1.35, 5 pkts. \$2.00.

All Double Petunias

COLOSSAL SHADES OF ROSE. Many of the flowers on this lovely Petunia are as much as 5 in. across. All are fully double, varying in form from those with crisply fringed petals to those with nicely ruffled ones. Colors range from salmony-pink through rose-pink to deep, rich, rosy mauve. Plants are strong, growing 20 in. tall and as much as 3 ft. across. Unexcelled for cutting purposes. Pkt. (100 seeds) \$1.00, 2 pkts. \$1.85, 3 pkts. \$2.70.

NASTURTIUMS

The fragrant, double, glorious Gleam Hybrids seem to abound on soils incapable of supporting any other plants and are most useful on dry, sandy or gravelly banks. One of the easiest of all annuals to grow.

GOLDEN GLEAM **SCARLET GLEAM**

ORANGE GLEAM **SALMON GLEAM**

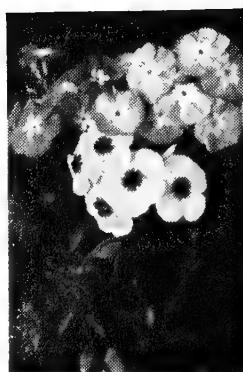
MAHOGANY

Separate colors:

Pkt. 15c., oz. 45c., $\frac{1}{4}$ lb. \$1.25

All colors mixed:

Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00, $\frac{1}{2}$ lb. \$1.75



Phlox



Poppy

NEMESIA

(*Nana Compacta*)

Six to eight inch colorful plants in blue, orange, red and white. Sow seed in coldframe in March for Summer bloom. Pkt. 15c.

NICOTIANA

(*Flowering Tobacco*)

Long tube-shaped, petunia-like flowers with the petals forming a five-point star. Especially fragrant in the evening.

AFFINIS HYBRIDS.

Brilliant colors in shades of rose, red, crimson and white. 2½ ft. tall. Pkt. 10c., $\frac{1}{4}$ oz. 40c., $\frac{1}{2}$ oz. 70c.

A F F I N I S . Pure white. Pkt. 10c., $\frac{1}{4}$ oz. 40c., $\frac{1}{2}$ oz. 70c.



Nicotiana

DAYLIGHT. Unlike the above, the pure white flowers remain open throughout the day even in bright sunshine. 1½ ft. tall. Pkt. 15c., $\frac{1}{4}$ oz. 50c., $\frac{1}{2}$ oz. 85c.

NIEREMBERGIA

(*Blue Cup Flower*)

Forms a dense mat six inches high and a foot or more across, thickly covered with bright blue cup-shaped flowers. Excellent for borders, edgings and rock gardens. Does well in sandy soil and full sun.

PURPLE ROBE. Pkt. 35c., 2 pkts. 65c., 1/128 oz. 80c.

PHLOX (Annual)

(*Drummondii Giant Flowered*)

Flowers are freely borne on upright plants ten inches tall. A splendid bedding plant, most colorful and gay.

RED GLORY **SALMON GLORY**

ROSY MORN **ART SHADES MIXED**

Pkt. 25c., 2 pkts. 45c., $\frac{1}{8}$ oz. \$1.00

DWARF COMPACT

(*Drummondii nana compacta*)

Plants grow about six inches tall covered with large flowers. Red, fiery crimson, soft primrose yellow, chamois pink, sky blue with white eye and white. Pkt. 20c., $\frac{1}{8}$ oz. 85c., $\frac{1}{4}$ oz. \$1.50.

Mixed colors. Pkt. 20c., $\frac{1}{8}$ oz. 85c., $\frac{1}{4}$ oz. \$1.50.

POPPIES

SHIRLEY MIXED. The papery, silk-like petals come in may shades of pink, salmon, apricot, terra-cotta, rose and red, accented by yellow anthers and white centers. **SINGLE or DOUBLE MIXED.** Pkt. 10c., $\frac{1}{4}$ oz. 35c., $\frac{1}{2}$ oz. 60c.

PORTULACA

(*Moss Rose*)

Portulaca loves hot sun and does exceptionally well in sandy, hot locations. Makes a splendid, informal edging and is good as a ground cover. Sow seed directly into the garden in mid-May.

SINGLE MIXED. Pkt. 15c., $\frac{1}{16}$ oz. 50c., $\frac{1}{8}$ oz. 90c.

DOUBLE MIXED. Pkt. 25c., 2 pkts. 45c., $\frac{1}{16}$ oz. 75c.

SALPIGLOSSIS

(*Painted Tongue*)

Trumpet-like flowers of velvety texture, mixed colors only. Pencilled, netted and veined with golden yellow, purple and red. Pkt. 15c., $\frac{1}{8}$ oz. 40c., $\frac{1}{4}$ oz. 75c.

SALVIA

(*Scarlet Sage*)

A brilliant bedding plant that blooms from early Summer to frost. Seed should be started early so that a long period of blooming may be assured.

BONFIRE. Dark green foliage with bright scarlet-red flowers. 2 ft. Pkt. 25c., 2 pkts. 45c., $\frac{1}{8}$ oz. \$1.00.

ROCKET. Massive brilliant scarlet spikes on dwarf, compact plants. 10 in. Pkt. 25c., 2 pkts. 45c., $\frac{1}{8}$ oz. \$1.00.

SPLENDENS. Loose sprays of rich scarlet blooms on plants 2½ to 3 ft. tall. Pkt. 15c., $\frac{1}{8}$ oz. 60c., $\frac{1}{4}$ oz. \$1.00.

BLUE SALVIA, FARINACEA. Rich deep wedgewood-blue flowers most excellent for cutting and use in mixed bouquets. Pkt. 25c., 2 pkts. 45c., $\frac{1}{8}$ oz. \$1.00.

PATENS. A real indigo-blue flower with broad, tubular lipped petals. Pkt. 25c., 2 pkts. 45c., $\frac{1}{8}$ oz. \$1.00.

SCABIOSA

(*Pincushion Flower*)

This is one of the loveliest annuals for cutting. The many colors are attractive and it is one of the most graceful of the garden flowers. Black, azure-blue, lavender-blue, red, rose, salmon, white and mixed colors. Pkt. 15c., $\frac{1}{4}$ oz. 45c., $\frac{1}{2}$ oz. 80c.

STOCKS

Heavy spikes of fragrant flowers come in a wide range of soft colors. Seed should be started indoors if this flower is to be enjoyed for long in the garden.

GIANT IMPERIAL. 2 to 2½ ft. tall. Coppery red, dark blue, deep yellow, royal purple, soft light pink, lavender, blood red, rose, white and mixed colors. Pkt. 15c., ¼ oz. 75c., ¼ oz. \$1.25.

DWARF TEN WEEKS. A favorite coming into bloom about ten weeks after seed is sown. Light blue, pink, purple, red, white, yellow and mixed colors. Pkt. 10c., ¼ oz. 55c., ¼ oz. \$1.00.

SWEET PEAS

To disprove the theory that Sweet Peas can no longer be grown in this area, we planted a long row along our picket fence last Spring. The many bouquets found on our counters until almost the first of July was ample proof that it can be done. Here is the same kind of seed we used.

MacDONALDS Spring-flowering, heat-resistant strain. A remarkable new intermediate season type of vigorous growth and exceptionally long blooming season.

SEPARATE COLORS:

Clear pink on white ground, scarlet, navy blue, salmon cream pink, clear salmon-pink on white ground, clear lavender, crimson, deep maroon, white. Pkt. 20c., ½ oz. 60c., oz. \$1.00.

ALL COLORS MIXED:

Pkt. 20c., ½ oz. 60c., oz. \$1.00

VERBENA

One of the best of the annual bedding plants. They bloom till frost and the brilliant colors are ideal for edgings, rock gardens and cutting. An annual that thrives and grows in poor soil and is drought resistant.

SEPARATE COLORS: Apple blossom pink, crimson, rose pink, lavender, deep blue with yellow eye, salmon pink, spectrum red and white.

ALL COLORS MIXED.

All above: Pkt. 15c., ½ oz. 60c., ¼ oz. \$1.00

ZINNIAS

These lovely annuals are the easiest of all to grow. A few seeds planted when the soil is good and warm will furnish countless blooms for cutting later on. There is no flower which has such diversity of color, as many different forms and is so easy to grow.

FLORADEL SCARLET

Burpee's new Zinnia for 1950. This vibrant scarlet-red Zinnia has a new and unusually graceful flower form. The petals are twisted, ruffled and fluffed just enough that the lively color is softened by the sunlight glancing off the small recurved portions of the petals. They dispel all thought of the stiffness sometimes associated with some types of Zinnias. The vigorous plants grow about 2½ to 3 ft. tall. Perfect for mass plantings in the annual border, as bold accents in the perennial garden and blossoms so abundantly that there are plenty of flowers for cutting. Pkt. (100 seeds) 25c., 2 ptk. 45c., ½ oz. 60c., ¼ oz. \$1.00.



Plant of Our Dahlia-flowered Zinnia

GIANT DAHLIA FLOWERED

These Zinnias are the Queens of their tribe. Outstanding both for their lovely colors and long, sturdy stems. Individual blooms often measure 5 in. across and plants grow 3 ft. high.

CANARY BIRD. Primrose-yellow.

DREAM. Deep lavender.

EXQUISITE. Two-toned rose.

ILLUMINATION. Deep Tyrian rose.

POLAR BEAR. White.

ORIOLE. Striking orange.

ROYAL PURPLE. Rich, deep shade.

ELDORADO. Salmon apricot.

WILL ROGERS. Scarlet-red.

PASTEL SHADES MIXED.

ALL COLORS MIXED.

All above: Pkt. 15c., ½ oz. 45c., ¼ oz. 75c.

LUTHER BURBANK ZINNIAS

A rare blend of lovely, delicate pastel or art shades ranging from cream and primrose through delicate buff-yellow, canary yellow, ivory, salmon, rose, chamois, apricot, peach, pink, and bright rose. The flowers are large, 5 to 5½ in. across. Plants grow 3 to 4 ft. tall. Pkt. (100 seeds) 25c., 2 pkts. 45c., ½ oz. 60c., ¼ oz. \$1.00.

LILLIPUT or POMPON ZINNIAS

Small pompon-like flowers of lovely colors. Continuous blooms until frost and exceptionally fine for cutting.

CANARY-YELLOW **PEACH BLOSSOM**

WHITE GEM **LILAC GEM**

SCARLET GEM **BLACK RUBY**

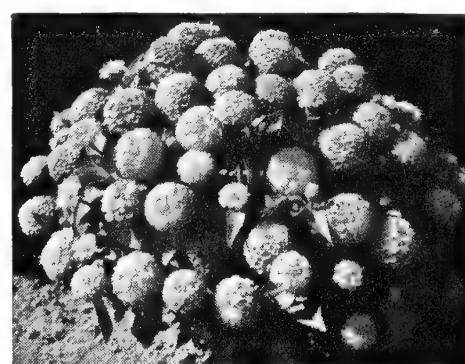
PASTEL SHADES MIXED

SEPARATE COLORS:

Pkt. 15c., ¼ oz. 45c., ½ oz. 75c.

ALL COLORS MIXED

Pkt. 10c., ¼ oz. 35c., ½ oz. 60c.



Cupid Zinnia

CUT-AND-COME AGAIN

Fully double flowers about 2½ in. across. well rounded and freely produced on long stems. Ideal for cutting. The compact plants grow about 1½ ft. tall and keep blooming from early Midsummer till frost, making an attractive display in beds and borders.

PINK BEAUTY

CANARY-YELLOW

WHITE

CRIMSON BEAUTY

SALMON-ROSE

PASTEL SHADES

MIXED

ALL COLORS

MIXED

Pkt. 10c., ¼ oz. 35c., ½ oz. 60c.

TINY CUPID ZINNIAS

These compact little plants grow about 1 ft. tall and are covered with small double flowers. Especially nice for small low bowls and make neat, colorful borders.

GOBLIN. Golden orange.

TINY TIM. Scarlet.

PIXIE. Yellow.

SNOWDROP. Pure white.

ALL COLORS MIXED.

Pkt. 15c., ½ oz. 45c., ¼ oz. 75c.

MEXICANA or MINIATURE MIDGET ZINNIAS

Charming double and semi-double blooms in a remarkable range of color blends and combinations. Rich shades of yellow, orange, red, maroon, mahogany, some bordered and tipped creamy white or gold. The dwarf, well-branched plants grow about 1½ ft.

Pkt. 10c., ½ oz. 35c., ¼ oz. 60c.

BURPEE'S SUPER GIANT

Contains the loveliest colors and combinations of colors ever seen in this flower. Rare and unusual shades of cream, buff, apricot, salmon, rose and orange predominate with a few yellows and whites. Very large, sometimes 5½ to 6½ in. across on plants that grow 3 ft. tall. Do try some of these if you haven't before.

Pkt. 25c., ½ oz. 60c., ¼ oz. \$1.00

CALIFORNIA GIANT ZINNIAS

Immense double flowers 5 to 6 in. across of a distinctive shape that is most graceful. Overlapping petals are more loosely placed than on the dahlia-flowered. Vigorous, well-branched plants grow 3 ft. tall and produce many long, strong flower stems. Ideal for cutting and attractive in beds and borders.

ENCHANTRESS. Two-toned rose.

DAFFODIL. Canary-yellow.

MISS WILLMOTT. Soft pink.

PURITY. White.

SALMON QUEEN. Salmon-rose.

SCARLET KING. Glowing scarlet.

VIOLET QUEEN. Deep purple.

LAVENDER GEM. Deep lavender.

PASTEL SHADES MIXED.

ALL COLORS MIXED.

Pkt. 15c., ½ oz. 45c., ¼ oz. 75c.

Our Own Plants to be available

Seeds of many of the Annuals listed here are already growing in our greenhouse under the expert care of Adam. We will have more annual plants this year than ever before. Annuals will not be ready before May 15th, some perhaps a little later.

Lined out in nice straight rows are many of the more common perennials grown here on our grounds from seed. Space does not permit listing these strong, field-grown, healthy plants but if you are interested in perennials, we suggest a trip out to our store where lists and illustrations will be provided. Perennial plants will be available the latter part of April.

Vines Often Solve Garden Problems

Vines make beautiful screens for many spots on the home grounds. One seedsman so aptly calls them "Garden Draperies." Listed here are a few of the better kinds that may be grown either from seed or may be set out as plants.

FROM SEEDS

- MORNING GLORY. Heavenly Blue, Pearly Gates, Scarlett O'Hara.
- COBAEA SCANDENS (*Cathedral Bells*). Blue.
- CARDINAL CLIMBER. Red.
- DOLICHOS (*Hyacinth Bean*). Wisteria-like flowers.
- CYPRESS VINE. Mixed colors.
- BALLOON VINE. White.
- THUNBERGIA. Orange.

FROM PLANTS

- SILVER LACE VINE (*Polygonum auberti*). White.
- ENGLISH IVY.
- TRUMPET VINE (*Bignonia radicans*). Orange.
- BOSTON IVY (*Ampelopsis veitchii*).
- WISTERIA.
- CLEMATIS. Several varieties and colors.
- DUTCHMAN'S PIPE.
- BITTERSWEET (*Celastrus scandens*).

THE PERENNIALS

Perennial seeds can be started in June in wick-fed pots, flats or coldframes. It has been our observation that seeds started at this time have a better chance of survival because of cooler temperatures and due to other activities in the garden at that time, they receive more attention.

ALYSSUM saxatile compactum (*Basket of Gold*). Golden yellow, 12 in., May. 15c. Silver Queen. Lemon yellow, 12 in., May. 15c.

ANCHUSA italicica, Dropmore. Gentian blue, 4-5 ft., July-Sept. 15c.

Myosotidiflora. Blue Forget-me-not-like flowers, 1 ft., April-May. 25c.

ANTHEMIS tinctoria (*Marguerite*). Yellow, 3 ft., June-October. 15c.

AQUILEGIA (*Columbine*). 30 in., May-June. Crimson Star. 35c. Snow Queen. 25c. Pink Shades. 25c. Long Spurred Hybrids Mixed. 25c.

ARMERIA formosa (*Sea Pink*). Large flowering Hybrids. 1½ ft., June-Aug. 25c.

AUBRETIA, Giant Hybrids Mixed. 6 in., May-June, 25c.

BELLIS monstrosa (*English Daisy*). Double mixed, 6 in., Spring, biennial. 15c.

CAMPANULA calycanthema (*Cup and Saucer Canterbury Bells*). Biennial, 30 in., June. 15c. White, Light Blue, Rose, Dark Blue, Mixed.

Media (*Single Canterbury Bells*). Biennial, mixed colors. 15c.

CERASTIUM tomentosum (*Snow-in-Summer*). White flowers, silvery foliage, 9 in., June. 15c.

CHRYSANTHEMUMS, Korean Hybrids. Mixed colors, single, double and semi-double flowers, 2-2½ ft., Sept.-Oct. 35c. Shasta Daisy, Double Alaska. White, 3 ft., June-July. 25c.

Single Alaska. White, 18 in., June-July. 15c.

CHEIRANTHUS allioni (*Siberian Wallflower*). Biennial, orange, 1 ft., May-June. 15c.

COREOPSIS, Mayfield Giant. Yellow, 2½ ft., June-Aug. 10c. Double New Gold. Golden yellow, 2½ ft., May to Fall. 15c.

DELPHINIUM, Pacific Giant Hybrids. 5 ft., June. Black Knight Series, dark blue. 35c.

Blue Bird Series, mid blue, white bee. 35c. Blue Jay Series, mid blue, dark bee. 35c. Galahad Series, white. 35c.

Guinevere Series, pink-lavender, white bee. 35c.

King Arthur Series, royal purple, white bee. 35c.

Summer Skies, light blue, white bee. 35c. Mixed colors. 25c.

Belladonna Improved, Cliveden Beauty. Light turquoise blue, 3-4 ft., June. 25c. Bellamouso Improved, Dark Blue. 3-4 ft., June. 25c.

DIANTHUS allwoodi Mixed. Double, semi-double and single flowers, Spring to Fall, 1 ft. 25c.

Plumarius Double Mixed. Double and semi-double fringed blooms, 18 in. 15c.

Plumarius Single Mixed. Single fringed blooms, 18 in. 15c.

DIGITALIS gloxiniaeflora (*Foxglove*). Shirley Mixed, pure white to dark rose, 4-5 ft., June-July. 15c.

GEUM, Mrs. Bradshaw. Double orange-scarlet, 1½ ft., June-Sept. 15c.

GYPSOPHILA (*Baby's Breath*). Paniculata Double White, 3 ft., July-Aug. 25c. Pacifica Pink, 3 ft., Aug. 25c.

HEUCHERA sanguinea splendens (*Coral Bells*). 12-18 in., June-Sept. 25c.

HIBISCUS (*Mallow*). Mixed, 5 ft. 25c.

HOLLYHOCK, Chater's Double, 6 ft., July-Aug. 15c.

Maroon
White
Yellow
Scarlet
Mixed

Lilac Beauty
Newport Pink
Colorado Sunset,
bright pink

IBERIS (*Perennial Candytuft*). Sempervirens, White, May-June, 8 in. 25c. Gibraltarica, lavender-pink, 10 in., May. 15c.

LYCHNIS chalcedonica. Scarlet, 2 ft., June-July. 10c.

LUPINES, Russell Hybrids. Wide range of colors, 3 ft., May-June. 25c.

PLATYCODON (*Balloon flower*). Blue, 2½ ft., June through Summer. 25c.

POPPY, Orientale. Hybrids mixed, 2 ft., June. 15c.

Nudicale (*Iceland Poppy*). Sanford's Giant Strain Mixed, 2 ft., April-June. 25c.

PYRETHRUM roseum hybridum (*Painted Daisy*). Double and single mixed, 2 ft., June-July. 25c.

SALVIA azurea grandiflora (*Hardy Blue Sage*). Blue, Aug.-Sept., 3 ft. 25c.

SWEET WILLIAM, Biennial, 18 in., May-June. 15c.

Single White
Newport Pink
Scarlet Beauty
Regular Mixture
Dwarf Mixture,
(6 in.)

VERONICA (*Speed-well*). Blue Candle, July-Aug., 2 ft. 25c.

Longifolia. July-Aug., 2 ft. 15c.

Spicata Mixed. June-July, 1½ ft. 15c.

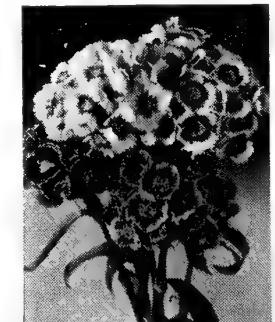
WALLFLOWER (*Cheiranthus cheiri*). Mixed red and yellow shades, 2 ft., May. 15c.



Aquilegia



Lychnis Chalcedonica



Sweet William

Garden Bulbs and Tubers

GLADIOLI

We have made our selection from lists of outstanding varieties in all colors. Plant the corms 4 inches deep in any good garden soil, and for best results in a sunny location. Give them a fertilizer well mixed with the soil.

Pink

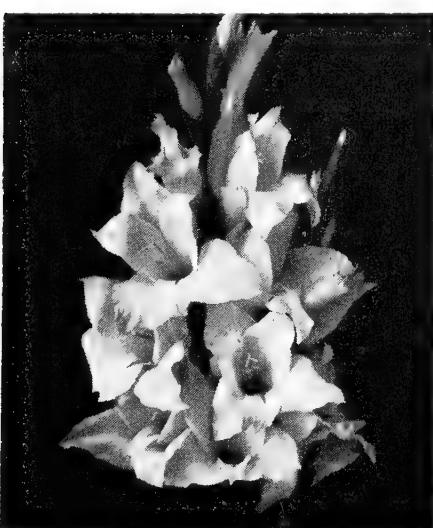
BAGDAD. Smoky old rose.
CHARMOUNY. Deep silvery rose.
CORONA. Light pink, picotee edge.
ETHEL CAVE COLE. Massive spikes of light pink.
JEANIE. Glistening salmon, light cream throat.
MAGNOLIA. Large cream rose.
MARGARET FULTON. Clear coral-pink.
MISS NEW ZEALAND. Huge salmon.
PEGGY LOU. Large rose-pink.
PICARDY. Salmon-pink.
ROSA VAN LIMA. Light pink.

Red

AMERICAN COMMANDER. Tall blood-red.
BLACK OPAL. Deep maroon-red.
COMMANDER KOEHL. Blood-red.
DR. BENNETT. Fiery red.
MOORISH KING. Large mahogany-red.
MANSOER. New deep blood-red.
VAGABOND PRINCE. Rich velvety garnet.

Orange

BARCAROLE. Fine clear orange.
BIT O'HEAVEN. Bright orange.
LA PALOMA. Tall deep orange.



Large-flowered Gladioli

VINCENT VAN GOGH. Tall deep salmon-scarlet.

Lavender and Purple

BLUE BEAUTY. Giant blue.
CHARLES DICKENS. Uniform purple.
ELIZABETH THE QUEEN. Ruffled lavender.
KING ARTHUR. Deep lavender.
KING LEAR. Ruffled purple.
PAUL REUBENS. New, large glowing purple.
PELEGRINA. Dark velvety blue.

Yellow

GATE OF HEAVEN. Rich yellow.
GOLD DUST. Deep yellow.
GOLDEN CHIMES. Fine deep yellow.
GOLDEN DREAM. Tall pure yellow.

White

MARGARET BEATON. Clear white, red feather.
MYRNA. Ruffled white.
SNOW PRINCESS. Beautiful white.
WANDA. Large cream white.
WHITE GOLD. Beautiful white.
All of above:
95c. per doz., \$3.95 per 50, \$7.50 per 100

New and Outstanding Varieties

BOULOGNE. Large, deep wine-red.
BUCKEYE BRONZE. Large, rich Autumn bronze, flushed orange.
CASABLANCA. Extra tall, large, ruffled pure white.
ISOLA BELLA. Ruffled pale lavender.
LEEUWENHORST. The most beautiful large clear pink Glad.
SALMAN'S GLORY. Large white with large red blotch.
SPOTLIGHT. Large, ruffled, deep yellow, scarlet blotch.
15c. each, \$1.75 per doz., \$3.50 per 25, \$6.75 per 50, \$13.00 per 100

For dusting corms ahead of planting, we especially recommend Sperton Gladioli Dust—a combination of Sperton (a fungicide) and D.D.T. Pkt. 25c., lb. \$1.25.

DAHLIAS

We have chosen some of the leading varieties in each type of Dahlia to offer this year. The whole color range is represented and each variety chosen has some outstanding characteristic to make it worthy of selection.

D DAY (F.D.) Solid colored true pink.
JANE COWL (I.D.) Copper and gold.
JEAN KERR (F.D.) White.
JERSEY'S BEAUTY (F.D.) Pink.
KENTUCKY (F.D.) Orange sport of Jersey's Beauty.
LE TOREADOR (F.D.) Glowing deep red.
LILAC WONDER (C.) Beautiful lilac.
RED JERSEY (F.D.) Good red.
SCARLET LEADER (S.C.) Bright poppy red.
SNOWSTORM (F.D.) A fine pure white.
THE COMMODORE (I.D.) Bright lemon yellow.
VICTORY (F.D.) Rose-pink suffused gold.
WATCHUNG GIANT (I.D.) Yellow-gold.
WHITE JERSEY'S BEAUTY (I.D.) Pure white.
All of above: 50c. each, \$5.50 per doz.

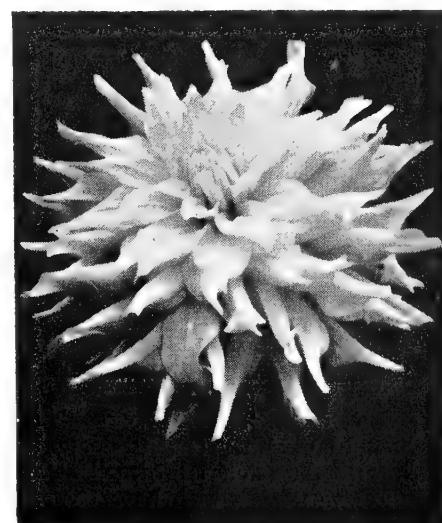
Attractively Boxed Dahlia Collections

"GARDEN FULL OF DAHLIAS"—Contains six of the most popular Standard varieties of large flowering Dahlias. Each root labeled. \$1.50.
"SUPER COLLECTION"—Six of the newer outstanding varieties of large flowering Dahlias. Each root labeled. \$2.00.
"POMPON COLLECTION"—One each of six different colors of Pompon Dahlias. \$1.35
"MINIATURE COLLECTION"—Six of the leading varieties of the Miniature type of Dahlia. \$1.35.
"CACTUS COLLECTION"—Six different varieties of the true Cactus type. \$2.00.

G & O Dahlia Food (5-6-15)

A fertilizer high in potash which is necessary for the proper development of bulbous plants such as Dahlias, Gladiolus, etc.

5 lbs. 75c., 10 lbs. \$1.25, 25 lbs. \$2.75,
100 lbs. \$9.00



Semi-Cactus Dahlia

GARDEN BULBS

(Continued)

TUBEROUS ROOTED BEGONIAS

One of the loveliest of the garden flowers, particularly for shaded areas. They provide a continuous supply of exquisite blooms all Summer whether planted in pots, on terraces and porches or in the garden.

DOUBLE CAMELLIA-FLOWERED. Red, Pink, Salmon, White, Orange and Yellow.

FRILLED and **RUFFLED**. All colors mixed.

SINGLE FLOWERING. Mixed.

Any of the above Mammoth Bulbs:
6 for \$1.00, doz. \$1.95

FANCY-LEAVED CALADIUMS

A very interesting and satisfactory Summer foliage plant for outdoor bedding and semi-shaded spots of the garden or for window boxes. A good assortment of varieties. 50c. each, \$5.25 doz.

HARDY GARDEN LILIES

As most Lilies mature so late, and usually arrive when the ground is frozen, we have found it most satisfactory to pot up the bulbs when they arrive and have them for sale in the Spring as growing plants.

AURATUM (*The Gold Banded Lily*). White flowers banded yellow, and richly spotted with crimson. Blooms in August. Potted bulbs, 95c. each.

SPECIOSUM RUBRUM. Deep rose with brilliant wine colored specks and shadings; reflexed petals. Blooms August-September. Potted bulbs, 95c. each.

REGALE. Inside pure white with yellow throat. Outside tinged with rose. Blooms in July. Potted bulbs, 65c. each, 2 for \$1.25.

CANDIDUM (*Madonna Lily*). Pure white, blooming in June and July. Potted bulbs, 75c. each.

TUBEROSES

DOUBLE PEARL. Beautiful white spikes, very fragrant. 3 for 50c.

PERUVIAN DAFFODILS

(*Ismene Calathina*)

Flowers are pure white, borne 3 or 4 on a stem and very fragrant. Not hardy. 50c. each, doz. \$5.00.

CALLAS

For pot, bedding and border culture. Yellow, White and Pink. 50c. each.

CANNAS

A good bedding plant. Pink, Yellow, Orange, White and Red. 6 for 90c., 12 for \$1.75.

POTTED ROSES will be available about May 25th. The list includes many of the famous Brownell SUB-ZERO varieties which have proven so hardy as well as beautiful.



Roses

Dormant Hybrid Tea Roses

Yellow

GOLDEN CHARM. Deep yellow.

GOLDEN DAWN. Sunflower yellow to lemon yellow. FF

GOLDEN OPHELIA. Golden yellow, outer petals slightly paler.

LUXEMBOURG. Coppery yellow. F

MRS. P. S. DUPONT. Golden yellow, lighter with age. FF

ROSLYN. Golden yellow. F

SOUER THERESE. Golden yellow, edges carmine. F

SUNBURST. Cadmium yellow, toward orange.

YELLOW CONDESA. Soft clear yellow. FF

White

CALEDONIA. White. F

FRAU KARL DRUSCHKI. Snow white, sometimes pink blush at center.

K. A. VIKTORIA. Snowy white, slight lemon tint at center. F

MME. JULES BOUCHE. White, pale blush center. FF

Bicolor

CONDESA DE SASTAGO. Oriental red and yellow. FF

PRESIDENT HOOVER. Varying orange shades. FF

TALISMAN. Golden yellow and copper. FF

POLYANTHA ROSES

FLORADORA. Scarlet-red. F

MRS. R. M. FINCH. Rosy pink.

All of above: 95c. each; \$4.50 for 5; \$10.00 per dozen

CLIMBING ROSES

DR. VAN FLEET. Cameo pink fading to flesh-white. FF
 MME. G. STAECHELIN. Iridescent pink. FF
 PAUL'S SCARLET. Vivid scarlet.
 PRIMROSE. Primrose to canary yellow. F
 SILVER MOON. Creamy white. F
 All of above:
 95c. each, \$4.50 for 5, \$10.00 per doz.

PATENTED HYBRID TEA ROSES

Two year, heavy, field grown, dormant plants.
 ANNE VANDERBILT. Coppery orange. FFF
 BRANDYWINE. Buff-yellow. F
 CHARLOTTE ARMSTRONG. Spectrum red to cerise. FF
 COUNTESS VANDAL. Brilliant pink, lightened salmon. FF
 CRIMSON GLORY. Deep velvety crimson. FFF
 ECLIPSE. Uniform golden yellow. FF
 HEART'S DESIRE. Uniform crimson. FFF
 KATHERINE T. MARSHALL. Deep rose-pink, flushed yellow. F
 MARY MARGARET McBRIDE. Deep salmon-pink.
 McGREDY'S SUNSET. Chrome yellow base shading to scarlet, reverse clear buttercup yellow. FF
 MIRANDY. Garnet red. FFF
 MME. MARIE CURIE. Clear unfading yellow.
 MME. HENRI GUILLOT. Orange-coral-red. F
 NOCTURNE. Cardinal red. FF

PATENTED POLYANTHA ROSES

SUMMER SNOW. Clear white.

PATENTED CLIMBING ROSES

BLAZE. Brilliant scarlet; recurrent bloom. F
 DOUBLOONS. Rich gold. FF
 GOLDEN CLIMBER. Sunflower yellow. FF
 KING MIDAS. Clear yellow. F
 NEW DAWN. Blush pink, recurrent bloom. F
 All of above:
 \$1.50 each, \$4.25 for 3, \$16.50 per doz.

A FEW SPECIAL PATENTED ROSES

DIAMOND JUBILEE (Hybrid Tea). Buff yellow. FF
 NEW YORKER (Hybrid Tea). Velvety scarlet. FFF
 PEACE (Hybrid Tea). Blend of cream, lemon yellow and gold with pink blush at edge of petals. FF
 FASHION (Polyantha). All-America Prize Winner for 1950. Luminous pink overlaid with gold, softening to coral. The flowers are borne in large sprays and have a delightful old rose fragrance. Acclaimed the finest Polyantha Rose to date. FFF
 CLIMBING PEACE (Climber). Blend of cream, lemon yellow and gold, pink blush at edge of petals.

Above Roses:

\$2.00 each, \$5.50 for 3, \$21.00 per doz.

G & O Rose Food (7-8-5)

This is an organic formula particularly compounded for improving and maintaining the quality of Roses. It contains Dried Blood, Fish Scrap, Bone Meal, Guano, Potash, Cotton Seed Meal, Nitrate of Soda, Sulphate of Ammonia, Poultry Manure Powder and Super-phosphate. Use at the rate of 3 lbs. per 100 sq. ft. of bed area.

5 lbs. 75c., 10 lbs. \$1.25, 25 lbs. \$2.75,
 100 lbs. \$9.00

BROWNELL ROSES (Sub Zero)

This is the first time we have ever offered dormant Brownell Roses. These are beautifully wrapped in sphagnum moss ready for early planting.

CURLY PINK. Two-toned pink blossoms with recurled petals.

GOLDEN GLOW (Climber). Spectrum yellow. FF

LILY PONS. White with yellow center.

RED DUCHESS. Rose-red. FFF

SHADES OF AUTUMN. Red, yellow and blush.

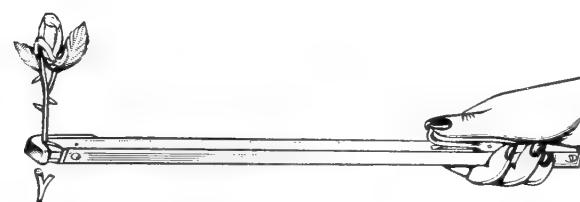
No. 112 (Unnamed). Deep red.

Above Roses:
 \$2.25 each, \$6.50 for 3, \$25.00 per doz.

Two Ideas for the Rose Garden

WENDY BIRD BATH OR FOUNTAIN.

A graceful addition to any garden. Water drips from the shell. The fountain itself is 38 inches high and the base 12 inches high. Fountain, \$38.00; base, \$8.00 extra.



WISS FLOWER CUTTER. This lightweight aluminum pruner is 18 inches long thereby enabling you to reach many out-of-reach flowers with ease. It makes a clean cut and holds the stem so that you can bring the bloom to you. \$2.95.

Vegetables

STRINGLESS GREENPOD BUSH BEANS

(Pkt. will sow 25 ft. of row, lb. 150 ft.)

TENDERGREEN. (53 days.) Our favorite round green bean. The pods are round, thick and meaty, and have a wonderful flavor and tenderness. Matures early and yields heavily. Pkt. 15c., $\frac{1}{2}$ lb. 35c., lb. 65c.
BURPEE'S STRINGLESS GREEN POD. (49 days.) A long-time favorite stringless bean. Round pods are tender and brittle, and of finest flavor. Excellent for home use, canning and freezing. Pkt. 10c., $\frac{1}{2}$ lb. 30c., lb. 60c.

BOUNTIFUL. (48 days.) One of the earliest green-pod varieties. Pods are long, straight and although flat, are quite meaty. Tender and entirely stringless. Pkt. 10c., $\frac{1}{2}$ lb. 35c., lb. 65c.

PLENTIFUL. (51 days.) The pods are 6 to 7 in. long, thick, flat and of excellent quality. Plants are prolific and beans entirely stringless. Pkt. 10c., $\frac{1}{2}$ lb. 35c., lb. 60c.

TENDER POD. (48 days.) Pods are brittle, fleshy, meaty, stringless, fiberless and smooth deep green. Have a definite curved tip. Matures early and is productive over a long period. Unexcelled for the home garden. Pkt. 20c., $\frac{1}{2}$ lb. 50c., lb. 90c.



WAX or YELLOW-PODDED BUSH BEANS

BRITTLE WAX. (52 days.) Also known as Round Pod Kidney Wax. The long, round light yellow pods are firm and tender, entirely stringless and of finest quality. Best for home use and canning or freezing. Pkt. 15c., $\frac{1}{2}$ lb. 45c., lb. 80c.

SURECROP STRINGLESS WAX. (52 days.) Often called Yellow Bountiful. Rich yellow pods are long and rather flat. Very meaty and sweet. Stringless at all stages. Pkt. 15c., $\frac{1}{2}$ lb. 35c., lb. 65c.

SHELL BEANS

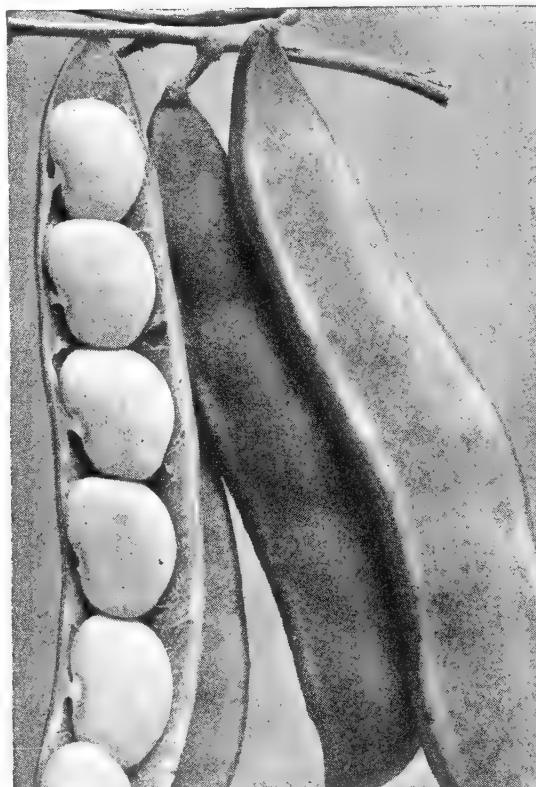
FRENCH HORTICULTURAL. (73 days.)

Can be used when young as a snap bean. Also excellent when shelled green or may be dried. Pkt. 15c., $\frac{1}{2}$ lb. 45c., lb. 85c.

BUSH LIMA BEANS

FORDHOOK 242. (75 days.) Very similar to the regular Fordhook Lima, although it has set a full crop under conditions where others have yielded poorly. Pkt. 15c., $\frac{1}{2}$ lb. 40c., lb. 75c.

WOOD'S PROLIFIC or HENDERSON'S BABY LIMA. (68 days.) Pods are small and the beans are the popular "baby lima" size. The vines grow upright and bear heavy crops of pods under almost any condition. Pkt. 10c., $\frac{1}{2}$ lb. 35c., lb. 65c.



POLE LIMA BEANS

IMPROVED GIANT PODDED. (90 days.)

This is the best of the pole lima beans. Often the pods contain six extra large, flat, green beans of most delicious flavor. Pole lima beans give better yield than the bush type and take up less space. Pkt. 15c., $\frac{1}{2}$ lb. 45c., lb. 80c.

POLE BEAN

KENTUCKY WONDER. (65 days.) New

varieties have come and gone while Kentucky Wonder remains the most popular and dependable pole bean grown today. The round, meaty, tender, brittle pods are of such excellent and distinctive flavor that in our estimation it surpasses all types and kinds. Pkt. 15c., $\frac{1}{2}$ lb. 35c., lb. 65c.



BEETS

(Pkt. will sow 25 ft. of row, oz. 100 ft.)

EARLY WONDER. (55 days.) A quick grower and especially recommended for early planting. About 3 inches in diameter with dark red skin and deep red flesh. Pkt. 10c., oz. 30c.

DETROIT DARK RED. (60 days.) The exceptionally fine quality of this beet has made it one of the most popular kinds for the home garden. For Fall use in the home garden it is unexcelled. Solid, deep rich red throughout. Pkt. 10c., oz. 30c.

CROSBY'S EGYPTIAN. (56 days.) Also an early variety that is unequalled for fine shape and color. Skin is medium dark red and flesh is a shade or two lighter with still lighter zones. Pkt. 10c., oz. 30c.

WINTER KEEPER. (80 days.) A "long-season" beet which stores well and is sweet and tender all Summer and Winter. Pkt. 15c., oz. 25c.

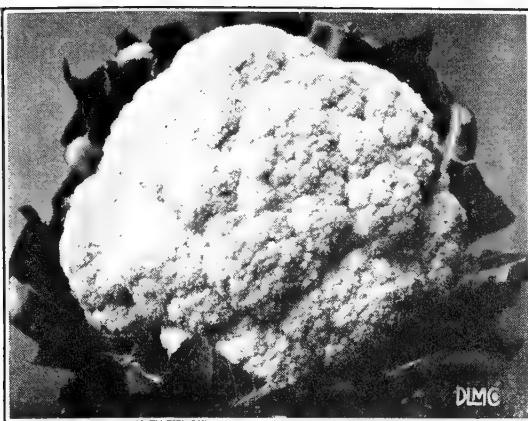
BROCCOLI

CALABRESE or GREEN SPROUTING. (85 days.) Easily started from seed indoors or in the cold frame. Plants may be set in open ground as soon as weather permits. Pkt. 15c., $\frac{1}{2}$ oz. 35c., oz. 60c.

We will have broccoli plants at the proper planting time. One dozen is usually sufficient for the average family unless it is used for freezing.

BRUSSELS SPROUTS

LONG ISLAND IMPROVED. (120 days.) This variety is grown extensively in this area. Makes compact plants with solid, heavy sprouts. Pkt. 15c., $\frac{1}{2}$ oz. 50c., oz. 90c. Plants will be available here in the Spring.



CAULIFLOWER

SNOWBALL. (82 days.) In this section the Snowball type is preferred over all others. Beautiful, well-rounded, compact, pure white heads. Sow seeds indoors or under glass 30 to 40 days before time to set out plants. Pkt. 25c., $\frac{1}{4}$ oz. \$1.25, $\frac{1}{2}$ oz. \$2.25. Plants of this variety will be available this Spring.

CABBAGE

For the home garden it is often easier to buy plants for early cabbage. We will have plants of Jersey Wakefield, Golden Acre, Savoy and Red Rock. A packet of seed planted in the garden when the ground is warm will provide plenty of plants for late crop.

EARLY JERSEY WAKEFIELD. (65 days.) Very early pointed heads. Fine early variety of highest quality and especially good for the home garden. Crisp, tender and delicious. Pkt. 15c., $\frac{1}{2}$ oz. 30c., oz. 55c.

GOLDEN ACRE. (64 days.) The earliest cabbage. Round, medium sized heads, very firm and uniform. Pkt. 15c., $\frac{1}{2}$ oz. 40c., oz. 70c.

COPENHAGEN MARKET. (72 days.) Outstanding for solid heads of excellent flavor and brittleness. Uniform, compact heads. Pkt. 15c., $\frac{1}{2}$ oz. 40c., oz. 70c.

SAVOY. (90 days.) Large, firm, round, and completely blistered or "savoyed" all through the head. Has milder, more pleasing flavor than regular cabbage. Pkt. 15c., $\frac{1}{2}$ oz. 45c., oz. 80c.

PREMIUM FLAT DUTCH. (100 days.) Late. Most popular of all late cabbage. Extremely solid heads keep in first class condition through the Winter. Pkt. 10c., $\frac{1}{2}$ oz. 30c., oz. 55c.

MAMMOTH RED ROCK. (110 days.) The tight, deep purplish-red heads are round, flattened at the top and solid as a rock. They store well and have good keeping qualities. Pkt. 15c., $\frac{1}{2}$ oz. 45c., oz. 80c.



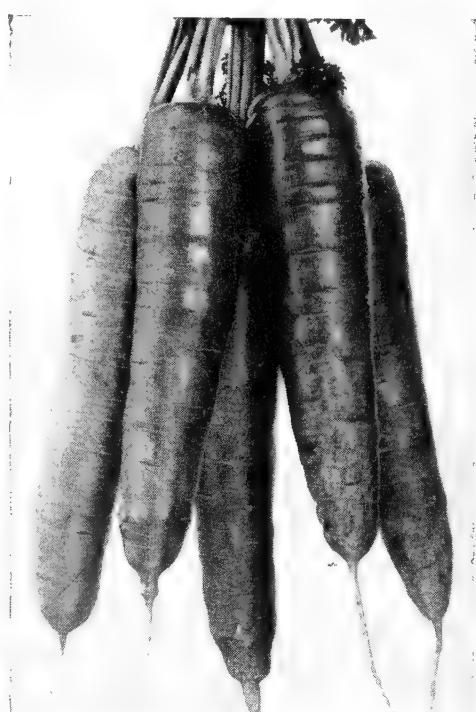
CARROTS

(Pkt. will sow 30 ft. of row; oz. 200 ft.)

TENDERSWEET. (75 days.) Fine textured and sweeter than any we have tasted. Long slender carrot of deep orange color. Requires good soil for best development. Pkt. 15c., $\frac{1}{2}$ oz. 35c., oz. 60c.

GOLDINHART or RED-CORED CHANTENAY. (70 days.) Flesh is fine-grained, tender and of delicate, sweet flavor. For the home garden this variety is especially valuable as it succeeds under a wide range of conditions and does not require as deeply cultivated soil as some of the longer kinds. Pkt. 15c., $\frac{1}{2}$ oz. 35c., oz. 60c.

DANVERS HALF-LONG. (75 days.) Dependable, well known main crop carrot with tapered roots. Heavy yielder. Popular for freezing, home use and Winter storing. Pkt. 10c., $\frac{1}{2}$ oz. 25c., oz. 45c.



CELERY

We will have celery plants for those who do not want to grow their own.

GOLDEN SELF-BLANCHING. (115 days.) Used extensively by home gardeners as well as market growers. Plants make compact, dwarf growth and form thick, solid, heavily ribbed stalks which blanch easily into a beautiful clear waxen yellow color. Pkt. 15c., $\frac{1}{2}$ oz. 75c., oz. \$1.35.

GIANT PASCAL. (135 days.) Considered by most as the standard Winter celery. Plants are large, upright and very heavy. Stalks have a rich, nutty flavor. Inasmuch as the stalks are green, soil should be used for blanching. Giant Pascal always gives entire satisfaction. Pkt. 10c., $\frac{1}{2}$ oz. 65c., oz. \$1.25.

CHINESE or CELERY CABBAGE

CHIHILI. (73 days.) Crisp, tender, well-blanced heads are equally delicious cooked or raw. Seeds should not be sown before July first. Pkt. 10c., $\frac{1}{2}$ oz. 25c., oz. 45c.

CORN

Hybrid sweet corns are best for the home gardener because of their high yield, resistance to disease and uniform maturity. The following are those we recommend most highly.

SPANCROSS. (71 days.) Earliest of all hybrids with well-filled ears of golden yellow kernels. Sweet and delicious. Pkt. 15c., $\frac{1}{2}$ lb. 45c., lb. 85c.

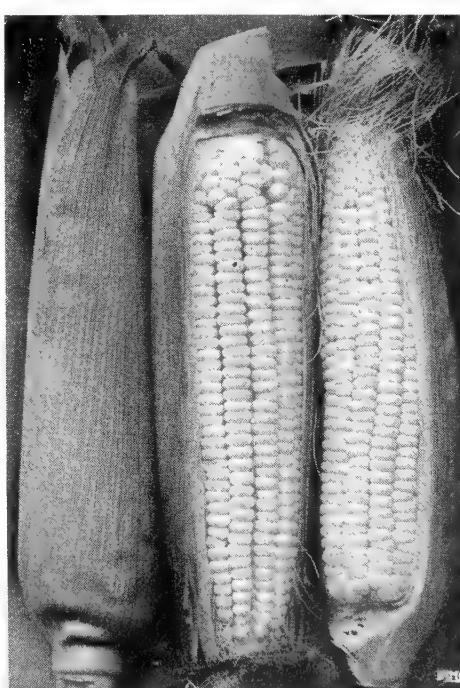
GOLDEN CROSS BANTAM. (85 days.) Now the standard of excellence in sweet corn. Its great uniformity and superlative quality have never been surpassed. Ears hold their fine quality and tenderness longer than any kind we know. Usually two ears of sweet, light golden yellow kernels produced on each stalk. Pkt. 15c., $\frac{1}{2}$ lb. 45c., lb. 75c.

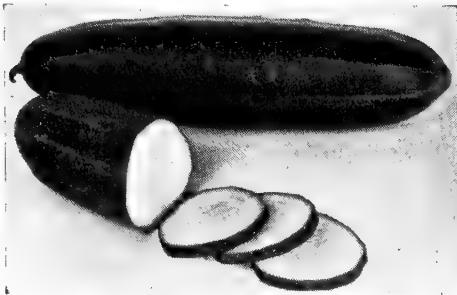
LINCOLN. (83 days.) A sturdy, vigorous hybrid with straight, cylindrical ears closely set with 12 to 16 rows of deep narrow kernels. Quality is excellent and ears protected by exceptionally good husk. Stalks tall, stiff and erect; withstand adverse conditions such as hot, dry weather much better than most kinds. Pkt. 15c., $\frac{1}{2}$ lb. 45c., lb. 80c.

TENDERGOLD. (79 days.) There are only three words to actually describe this corn—sweet, tender, succulent. It has attractive ears about eight inches long, with 12 rows to the ear. Stays sweet and tender two to three days longer than most kinds. We had this in our garden last Summer and without reservation can say it was the most delicious corn we ever ate. Pkt. 15c., $\frac{1}{2}$ lb. 45c., lb. 80c.

GOLDEN MIDGET. (65 days.) The small, yellow-grained ears mature very early. Ears about $4\frac{1}{2}$ inches long, set with 8 rows of yellow kernels that are sweet and tender. Dwarf plants 2 to 3 ft. tall. Pkt. 35c., 2 pkts. 65c., $\frac{1}{2}$ lb. \$1.00, lb. \$1.85.

STOWELL'S EVERGREEN HYBRID. (90 days.) Ears 7 to 8 inches long, with 14 or more rows of white kernels which are tender and sweet. Especially recommended. Pkt. 15c., $\frac{1}{2}$ lb. 40c., lb. 70c.



**CUCUMBER**

STRAIGHT EIGHT. (58 days.) Early and prolific. Noted for its heavy yields and even cylindrical shape. Cucumbers about 8 inches long. Excellent variety, attractive in appearance and of fine quality. Pkt. 15c., oz. 35c.

SUNNYBROOK. (60 days.) Fruits 9 to 11 inches long, slender, dark green. Flesh is firm and thick, with few seeds. Extremely dark color is maintained for a long time after picking. Recommended for all purposes. Pkt. 25c., oz. 50c.

BURPEE HYBRID. (60 days.) Because it is a hybrid, this new cucumber is more vigorous and more productive than any of the older varieties. The rich, dark green fruits are about 8 inches long and 2½ inches in diameter. The seed cavity is small and the crisp white flesh is of excellent quality and delicious flavor. Pkt. (30 seeds), 30c., 2 pkts. 55c.

MANDARIN. (45 days.) Earliest of all we have tried and of supreme quality. 10 to 12 inches long and about 1½ inches in diameter. Very crisp and delicious. Pkt. 15c.

EGGPLANT

Since a few plants produce sufficient fruit for the average family, we suggest buying plants. If seeds are used, they must be started early indoors because of the long season required.

BLACK BEAUTY or NEW YORK IMPROVED SPINELESS are both excellent varieties. Pkt. 15c., ½ oz. 50c., oz. 95c.

BURPEE HYBRID. (70 days.) First true hybrid egg plant of outstanding qualities for home and market gardens. Produces continuously many fruits of medium size. Most resistant to drought and disease. Pkt. (15 seeds) 35c., 2 pkts. 65c., 3 pkts. 90c.

ENDIVE

(Pkt. sows 20 ft. of row, oz. 100 ft.)

DEEP HEART or IMPROVED BATAVIAN. (70 days.) Large thick, dark green leaves with curled edges. Readily blanches to light yellow. Makes tender, appetizing salad. The finest quality mild-flavored escarole for home use. Pkt. 10c., oz. 30c.

WHITE CURLED. (70 days.) Leaves are light green, attractively curled and mottled with the dense centers blanching to pure white. They have a crisp, delicious and refreshing flavor. Pkt. 10c., oz. 35c.

KALE

BLUE CURLED SCOTCH. (55 days.) Dwarf, compact plants of finely curled, bluish green leaves. Pkt. 10c., oz. 40c.

DWARF SIBERIAN. (65 days.) Very hardy, dwarf spreading kale with grayish green leaves. Pkt. 10c., oz. 35c.

LEEK

(Pkt. sows 25 ft. of row, ½ oz. 100 ft.)

BROAD LONDON. (130 days.) This is a standard variety with large stalks, having the white part extended well up the stalk. Pkt. 15c., ½ oz. 50c., oz. 90c.

LETTUCE

(Pkt. will sow 50 ft. of row, oz. 300 ft.)

Head Varieties

GREAT LAKES. (90 days.) A new Iceberg type that will really stand up and produce good hard heads in the hot weather of Midsummer when other kinds fail entirely. Give the plants plenty of room (14 inches apart). Pkt. 25c., oz. 95c.

WHITE BOSTON. (80 days.) A butterhead variety that forms large, tightly folded heads so that the solid heart blanches to a bright creamy yellow of high texture and quality. Pkt. 10c., oz. 35c.

**Leaf Varieties**

BLACK-SEEDED SIMPSON. (45 days.) The broad, light green, curled leaves are brittle and tender. Extra fine quality for leaf lettuce. Pkt. 10c., oz. 35c.

OAK LEAF. (40 days.) Forms a tight bunch or rosette of medium green leaves which are deeply lobed, with the end lobe elongated, giving the plant a spiky appearance. Extremely tender, long standing and of excellent quality. Pkt. 15c., oz. 60c.

COS or ROMAINE LETTUCE

PARIS WHITE. (83 days.) Crisp, sweet-flavored variety. Compact, erect plants. Pkt. 15c., oz. 35c.

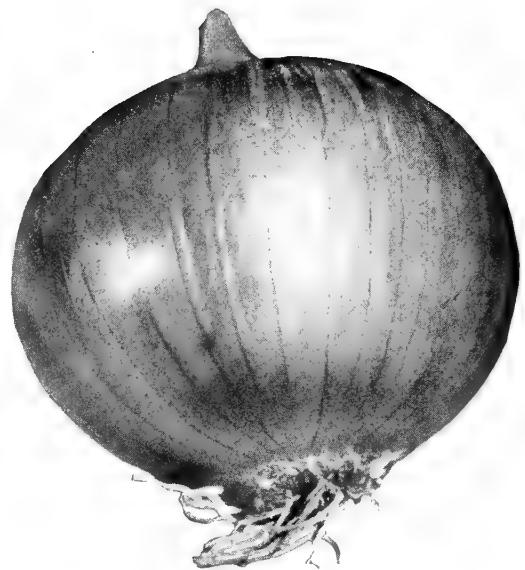
PARSLEY

EXTRA CURLED DWARF or MOSS CURLED (70 days.) Attractive leaves of bright green are finely cut and curled. Pkt. 10c., oz. 25c.

PLAIN or SINGLE. (60 days.) Plain dark green deeply cut, flat but not curled leaves with rich flavor. Mostly used for seasoning. Pkt. 10c., oz. 30c.

PARNIPS

GUERNSEY. (100 days.) Long, smooth and straight, and of good quality. Pkt. 10c., oz. 35c.

**ONIONS**

Onions may be raised from seed, sets or plants. We are listing only seeds here. See page 35 in this catalog for Onion sets. See our separate plant list for plants

SWEET SPANISH. Utah Strain. (110 days.) You can grow large onions in your garden from seed if you will plant early. This is one of the best of the large sweet onions. Try a package of seed. If you plant it early, you may be surprised. Pkt. 15c., ½ oz. 50c. Seed of many other varieties in stock.

GARDEN PEAS

(Pkt. will sow 20 ft. of row, lb. 100 ft.)

Smooth Seeded Early

MAMMOTH PODDED EXTRA-EARLY. (60 days.) Vines grow about 30 inches high, producing large pods which contain 8 peas of fine quality. Pkt. 15c., ½ lb. 35c., lb. 60c.

Wrinkled Seeded Early

WOODRUFF'S TOPPER. (65 days.) Sturdy vines about 2½ ft. tall yield heavy crop of 6 to 8 peas per pod of excellent flavor and eating quality. Resistant to Fusarium wilt. Pkt. 15c., ½ lb. 35c., lb. 60c.

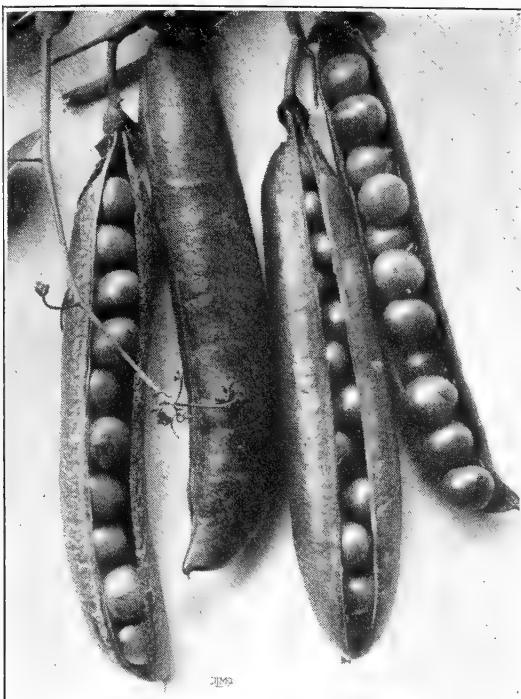
BLUE BANTAM. (64 days.) Plants grow 15 to 18 inches tall, producing pods containing 7 to 9 large, sweet peas of superior flavor. Pkt. 15c., ½ lb. 35c., lb. 60c.

THOMAS LAXTON. (65 days.) Choice quality, early and very delicious. Vines grow to height of about 3 ft. and are very productive. Highly recommended for freezing. Pkt. 10c., ½ lb. 35c., lb. 60c.

LITTLE MARVEL. (63 days.) Universally popular for home use. The 18-inch vines bear a heavy crop of dark green pods tightly packed with 7 or 8 tender peas. We saw these growing in the trial grounds of a very large grower last year, and we heartily recommend them to all. Pkt. 10c., ½ lb. 40c., lb. 60c.

Main Crop

DWARF TELEPHONE or CARTER'S DAISY. (79 days.) Vines grow about 24 inches tall, bear heavy crop of large pods containing 7 to 9 large, luscious peas of excellent quality. Pkt. 10c., ½ lb. 35c., lb. 60c.



ALDERMAN or **DARK-PODDED TELEPHONE.** (74 days.) Tall growing, heaviest yielder of all peas. Vines must be supported but when they are, produce astonishing crops of delicious peas. Extra large pods contain from 8 to 10 peas of excellent quality. Pkt. 15c., $\frac{1}{2}$ lb. 35c., lb. 60c.

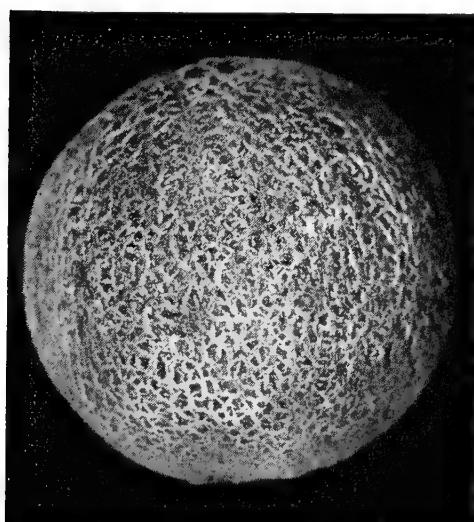
Edible Podded Sugar Peas

MAMMOTH MELTING SUGAR. (75 days.) The fleshy, tender pods are light green, sweet and delicious. Vines grow 4 to 5 ft. tall. Pkt. 15c., $\frac{1}{2}$ lb. 35c., lb. 60c.

MUSKMELONS or CANTALOUPES

BURPEE'S NETTED GEM. (85 days.) Green flesh. Sweet and luscious, and no melon surpasses this for flavor. Fruits are oval, firm and solid, and weigh from $1\frac{1}{2}$ to 2 lbs. Pkt. 15c., oz. 50c.

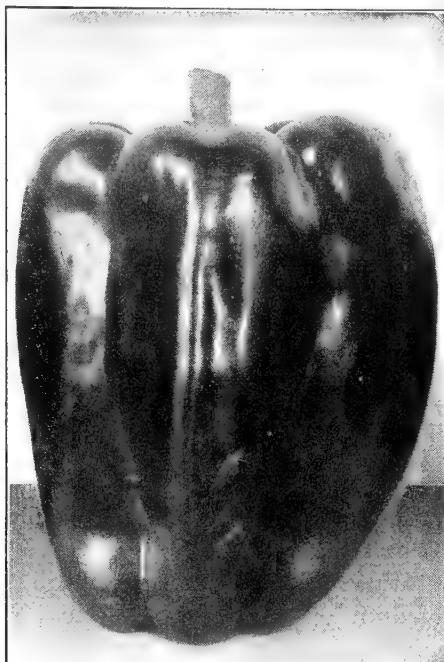
HONEY ROCK or **SUGAR ROCK.** (85 days.) Salmon flesh. Deliciously sweet, with a fine, smooth texture and flavor all its own. Almost round and oftentimes weighing 3 lbs. Well adapted to growing in the home garden. Pkt. 15c., oz. 45c.



PEPPERS

Usually a few plants are sufficient for the home garden and it is easier to buy plants. We will have pepper plants in abundance this year to take care of your needs.

CALIFORNIA WONDER, **RUBY KING**, **WORLDBEATER**, **PIMENTO** and many other varieties of seed in stock. Pkt. 15c.



PUMPKINS

BIG TOM or **CONNECTICUT FIELD.** (120 days.) Vines make vigorous growth and need plenty of room to spread. Very large fruits. Pkt. 10c., oz. 25c.

SMALL SUGAR or **NEW ENGLAND PIE.** (100 days.) Wonderful for pies and good keepers. Pkt. 10c., oz. 25c.

RADISHES

(Pkt. will sow 20 ft. of row, oz. 100 ft.)

SCARLET GLOBE. (24 days.) A round, red radish, very crisp and tasty. About 1 inch in diameter. Pkt. 10c., oz. 30c.

RED GIANT. (29 days.) This radish combines size with tenderness and mild flavor. Roots, if grown quickly, are as crisp as ice and of enormous size. Be sure to try some. Pkt. 15c., oz. 45c.

SPARKLER. (25 days.) Round, bright red, with the bottom half clear white. Crisp, mild flesh. Pkt. 10c., oz. 30c.

WHITE ICICLE. (28 days.) Skin is pure white, thin and tender. Flesh icy white, crisp and mild. Pkt. 10c., oz. 30c.

BURPEE WHITE. (25 days.) These nearly round radishes are juicy and sweet with pure white skin and flesh. Remain in edible condition till they are about 2 in. diameter. Something you should be sure to try. Pkt. 25c., oz. 50c.

CHERRY BELLE. (22 days.) Round, smooth, red radishes resembling cherries with crisp, firm white flesh. Exceptionally resistant to pithiness. Pkt. 20c., oz. 45c.

LONG BLACK SPANISH. (Winter radish.) (60 days.) Black-skinned with pure white flesh, crisp, solid and pungent. Fine Winter keeper. Pkt. 15c., oz. 35c.

RUTABAGA

(Pkt. will sow about 50 ft. of row, oz. 250 ft.)

PURPLE TOP YELLOW GLOBE. (90 days.)

May be planted in early Summer. Produces large, sweet, fine-grained, yellow flesh, cooking to bright orange. Productive and will keep in fine condition until late Winter. Pkt. 10c., oz. 25c.

SPINACH

(Pkt. will sow 25 ft. of row, oz. 75 ft.)

BLOOMSDALE LONG STANDING. (48 days.) A quick-growing green which remains in rosette stage for a long time without bolting. Pkt. 10c., oz. 30c.

NEW ZEALAND. (70 days.) The hot weather or everlasting spinach. Cut-and-come-again variety that yields continuously from early Summer till Fall. Pkt. 15c., oz. 40c.

BURPEE'S TAMPALA. The new green vegetable that is better than spinach. In our estimation it is the finest and best green that ever grew in our garden. It will be the only one this year. We like it to the exclusion of all others. Pkt. 20c., 2 for 35c.

BURPEE'S FORDHOOK and RED TAMPALA

Both of these have been developed from the original strain and are just as delicious as the parent strain. Don't fail to try one of these in your garden this year. Pkt. 25c., 2 pkts. for 45c., $\frac{1}{8}$ oz. 60c.

SWISS CHARD

(Pkt. will sow 25 ft. of row, oz. 100 ft.)

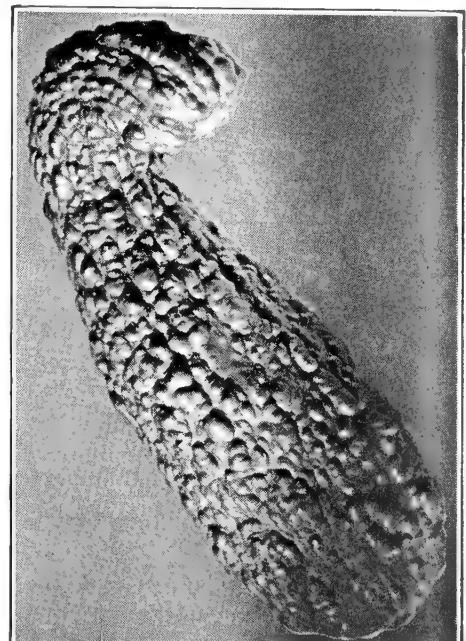
FORDHOOK GIANT. (60 days.) The best variety of Chard. Leaves are dark green, large and much curled. If kept cut, will continue to grow and produce tender young leaves all Summer and Fall. Pkt. 15c., oz. 45c.

RHUBARB CHARD. (60 days.) A Swiss chard that looks like rhubarb. The leaf stalks are a bright crimson, with the color extending into the veins of the leaves. Has a different, tasty, delicious flavor. Pkt. 15c., oz. 45c.

SQUASH

Summer Varieties

ZUCCHINI. (60 days.) Bushlike plants with dark green fruits. Most delicate flavor. Pkt. 15c., oz. 35c.



YANKEE HYBRID. (50 days.) The earliest and most productive Summer squash. Fruits are straight, smooth and attractive, and of excellent quality. Pkt. 15c., $\frac{1}{2}$ oz. 40c.

GOLDEN SUMMER CROOKNECK. (53 days.) The most popular curved neck Summer squash. Fruits golden yellow. Plants are bush type, early and productive. Pkt. 10c., oz. 35c.

EARLY WHITE BUSH or PATTY PAN. (54 days.) Fruits are creamy white and scalloped around edges. Deliciously flavored. Pkt. 10c., oz. 35c.

Winter Varieties

ROYAL ACORN. (85 days.) Acorn-shaped, green skin with orange flesh. Delicious baked in own shells. Good Winter keeper. Pkt. 15c., oz. 45c.

HUBBARD. (115 days.) The true Hubbard is the best Winter squash of dark bronze-green skin with orange-yellow flesh. This is the standard Winter squash for all purposes. Pkt. 10c., oz. 40c.

BUTTERNUT. (85 days.) Fruits 10 to 12 in. long, bottle-shaped. Yellow, dry, sweet flesh. Keeps well. Delicious. Pkt. 15c., oz. 80c.



TOMATOES

We have seeds of many varieties of tomatoes but we commend to you those listed below which we consider the best.

STOKESDALE, CERTIFIED. (70 days.) Second-early to midseason tomato suited for home use, market and canning. Plants are especially heavy yielders, producing fruits which are smooth, solid, round and bright scarlet in color. A most excellent tomato and we recommend it highly. Pkt. 15c., $\frac{1}{2}$ oz. 60c., oz. \$1.00.

VALIANT, CERTIFIED. (65 days.) Large-fruited, early tomato that is gaining in popularity each year for both home and market use. The medium sized, vigorous plant produces quantities of meaty, red fruits which are superior to any other early

tomato we have ever grown. Pkt. 15c., $\frac{1}{2}$ oz. 60c., oz. \$1.00.

MASTER MARGLOBE, CERTIFIED. (73 days.) After 24 years this almost perfect tomato still maintains its style and flavor. The heavy vines yield almost uniform fruit, rich red inside and out, with thick walls and small seed cells. Pkt. 15c., $\frac{1}{2}$ oz. 60c., oz. \$1.00.

RUTGERS, CERTIFIED. (74 days.) One of the most popular general purpose tomatoes, main season, large deep red fruit with heavy foliage. Pkt. 15c., $\frac{1}{2}$ oz. 60c., oz. \$1.00.

STOKESCROSS. (55 days.) This fast-growing (f2) Hybrid will mature earlier than any of the above Stokes varieties. Fruits are small (about 3 ounces) but earlier maturity will prove its value. Foliage is light but color and flavor of fruit is excellent. Pkt. (30 seeds) 35c., 2 pkts. 65c., 3 pkts. 90c.

JUBILEE. (72 days.) Jubilee fruits are large, golden orange, deep-globular, heavy, full flavored and really delicious. We grow more and more of them in our garden each year. Pkt. 20c., $\frac{1}{4}$ oz. 50c., $\frac{1}{2}$ oz. 85c., oz. \$1.60.

BURPEEANA EARLY HYBRID. (58 days.) Early, true, first generation (F1) hybrid tomato with medium size, smooth, firm, rich red fruits about 5 oz. in weight. Burpeeana Early has produced the highest early yield of all varieties of tomatoes wherever tested and continues to bear throughout the season. Pkt. (30) seeds 35c., 2 pkts. 65c., 3 pkts. 90c.

BURPEE HYBRID. (70 days.) An all-purpose, main-crop, true, first generation (F1) hybrid outstanding for quality and flavor. A heavy yielder and more prolific than many other well-known varieties. Fruits are medium to large, firm, thick walled and average 8 oz. in weight, scarlet-red. Pkt. (30 seeds) 35c., 2 pkts. 65c., 3 pkts. 90c.

TURNIPS

PURPLE TOP WHITE GLOBE. (55 days.) May be planted in early Spring and again in July for Fall and Winter use. Of mild flavor, this is the most popular of all varieties. Pkt. 10c., oz. 25c.

WATERMELONS

DIXIE QUEEN. (90 days.) A favorite with the home gardener. Flesh a brilliant red, of fine texture and quality. Pkt. 20c., oz. 50c.

COLE'S EARLY. (Harris Earliest.) (84 days.) A very early, home garden variety of medium size, nearly round. Flesh is a deep pink, very sweet. Pkt. 10c., oz. 30c.



ORNAMENTAL GOURDS. The ripened fruits when dried and polished have become very popular for home decoration. An interesting mixture of large and small fruiting varieties. Pkt. 10c., $\frac{1}{2}$ oz. 45c., oz. 75c.

Vegetable Roots, Plants

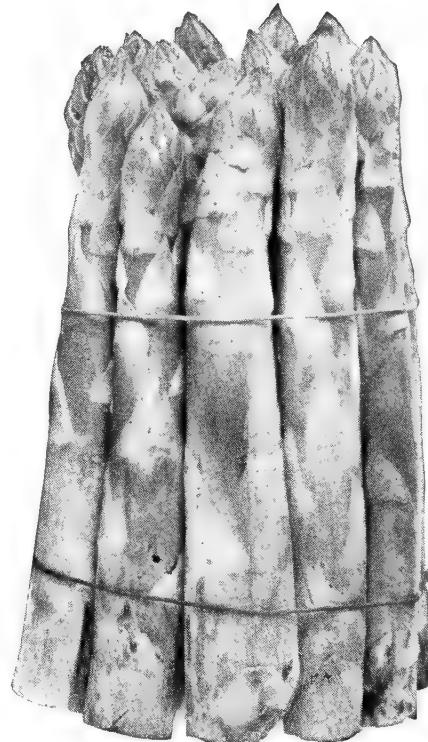
VEGETABLE PLANTS

We are growing the usual collection of healthy, vigorous vegetable plants we have been offering for many years. All the favorite varieties of Tomatoes, Peppers, Egg Plant, Cabbage, Broccoli, etc., will be available.

Many customers enjoyed ripe Tomatoes in early June last season from plants started early in our greenhouse and sprayed with Dow Sure-Set, a new hormone or growth control agent which sets early blooms and increases early yield.

DOW SURE SET

Produces early Tomatoes. Sure-Set atomized on first blossom clusters insures early setting of fruit even in cool weather. Fruit is often seedless. 4-oz. Bottle—treats many plants when diluted—85c.



ASPARAGUS

MARY WASHINGTON is a rust-proof strain preferred by commercial growers and home gardeners alike. One of the most delicious and earliest of the home-grown crops.

Contrary to general belief, Asparagus does not require too much space for the small home garden. A hundred plants will be sufficient for the ordinary family.

Stalks of Mary Washington are larger and more tender than those of other varieties. Dark green in color, tinged purple. With ordinary care, asparagus beds will last for many years. Our two-year-old roots will give some cutting next year and after that all you will want. 25 for \$1.25, 50 for \$2.25, 100 for \$4.00.

RHUBARB

CHIPMAN'S CANADA RED. The new and finest Rhubarb. Very sweet and tender; of the finest flavor with extra large stalks. Bright red all the way through. It is a seedless type which makes it everbearing and can be used throughout the entire Summer. 1 root 75c., 2 roots \$1.25, 5 roots \$2.75.

MACDONALD. A new Rhubarb of very fine quality. Bright crimson and unsurpassed flavor. When cooked, the color is a beautiful shade of pink. Does not produce fertile seed and can therefore also be used all Summer. 1 root 65c., 2 roots \$1.00, 5 roots \$2.25.

ONION SETS

We offer choice, dry select sets, the best to be had. These should be planted very early in the Spring, the earlier the better. One pound will plant approximately 30 feet of row. YELLOW sets will mature into large rounded

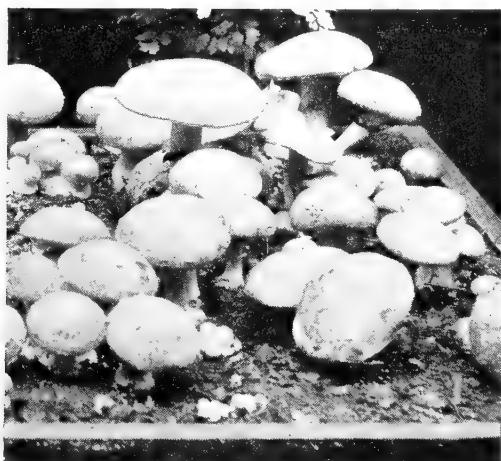
Onions with yellow skin and creamy white, mild flesh. Excellent keeping qualities for Winter storage.

WHITE sets are mild flavored and most desirable for use as scallions. Not so good for Winter storage as the yellow type.

Lb. 35c., 2 lbs. 65c., 5 lbs. \$1.50

GARLIC SETS

Garlic comes in buds which should be separated, planted and cultivated the same as Onion sets. Lb. 75c.



MUSHROOM SPAWN

CRUMPLED TOBACCO STEM SPAWN is the latest development in the production of Pure Culture Mushroom Spawn. The material is easier to handle, the growth is more vigorous, and results are more certain. Adverse growing conditions are more readily overcome, as the tobacco stem medium is high in food elements needed by the growing Mushroom. If you have had indifferent success with Mushrooms, try this improved form of spawn. One package will plant 10 to 12 sq. ft. Pkg. 50c., 5 pkgs. \$2.30.

SWEET POTATO PLANTS

Sweet Potatoes are easy to grow. Can be grown on a wide range of soils. Ready about May 20th to 25th.

NANCY HALL. An old favorite of uniform excellence. Doz. plants, 35c.; 50 for \$1.00.

HERBS FOR THE HOME GARDEN



No garden is so small, whether devoted to vegetables or flowers, that it can't boast a few herbs. Many are easily grown from seed and we will have plants of the perennial varieties again this Spring.

HERBS EASILY GROWN FROM SEEDS

| | |
|-------------|--------------------------------|
| Anise | Chives |
| Sweet Basil | Dill (Pkt. 10c.) |
| Borage | Florence Fennel (Finocchio) |
| Caraway | Summer Savory |
| Coriander | Sweet Marjoram |

All Herb Seed: Pkt. 20c.
except as noted

PLANTS OF THE FOLLOWING PERENNIALS

| | |
|---------------|----------|
| True Lavender | Mint |
| Sage | Rosemary |
| Thyme | Chives |
| Tarragon | |

Any of above: 3 plants \$1.00

STRAWBERRIES

Standard Varieties

PREMIER, Early. Healthy foliage, solid, well-shaped large fruit. Does well under all conditions. Some tell us this the best of all.

DORSETT, Early to Midseason. Plants are vigorous, producing runners in abundance. Stalks are strong and fruit is held well above the ground. The outstanding merit of this berry is its delicious flavor.

FAIRFAX, Early to Midseason. Hardy and disease resistant. Berries are large and bright red. Even when over-ripe the fruit retains firmness and delicious flavor.

CATSKILL, Midseason. A sure cropper, with many big, tasty berries for a long period.

ROBINSON, Midseason. New, and one of the finest to date. Handsome, glossy, scarlet-red berries; firm texture, juicy and sweet. Produces an enormous June crop.

SPARKLE, Midseason. New. Vigorous, healthy plants which bear abundantly. Richly colored, firm berries of excellent flavor.

CHESAPEAKE, Midseason to Late. Splendid grower, plants are deeply rooted, vigorous and healthy. One of the best in flavor, shape, size and color.

Everbearers

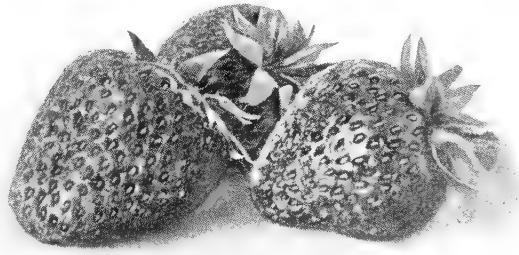
Because they make few runners, everbearers can be planted closely. Rows can be 30 inches apart with plants 12 to 15 inches apart in the rows. Keep all blossoms off until July of the first year.

STREAMLINER, Everbearing. The newest of the everbearing types. A Michigan origination which makes it hardy. Perfect flowering. Berries are practically round, extremely bright red and of immense size. Very sweet.

GEM, Everbearing. Fruits in June and again in the Fall. Berries are solid, well-shaped and of delicious flavor. Plants are healthy, vigorous, drought resistant and productive. Grow in narrow rows for best results.

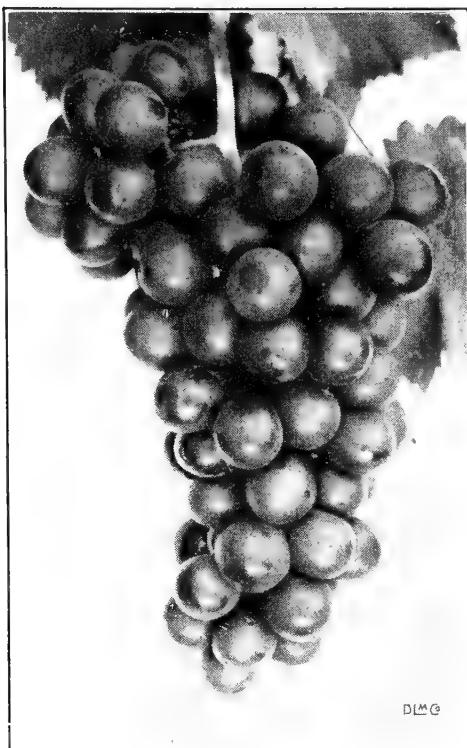
Above two:
25 for \$1.75, 50 for \$3.00, 100 for \$5.00

Potted plants of any of the above varieties: \$12.00 per 100.



All above:
25 for \$1.25, 50 for \$2.00, 100 for \$3.50

Fruits for the Garden



HARDY GRAPES

The following make a fine assortment for the small home garden. Strong two-year-old vines.

CONCORD, Blue. The leading big-crop dark blue grape. Ripens late and bears enormous crops of first quality fruit.

CACO, Red. Juicy, sweet, extra early with large, long compact bunches of fruit.

NIAGARA, Amber. Often called the white Concord. Ripens late, very sweet and aromatic. Keeps well.

All above: Each 75c., 6 for \$4.25



GOOSEBERRY

POORMAN. Very useful for canning or cooking. Large, round and smooth fruit. Juicy and fine flavored. One of the best. 1 yr., No. 1 stock. Each \$1.00.

RASPBERRIES

Plant Raspberries in well-drained, cultivated soil. Set plants with the crown or eye about 1 inch below ground level. Plants should be set 2 feet apart in rows 4 feet apart. As soon as the bearing season is over, all old wood or canes should be cleaned out and new growth cut back about one-third.

INDIAN SUMMER. New Everbearing Red Raspberry. This fine berry may be enjoyed from June to November. In addition to its everbearing qualities it has size, flavor and unusual beauty. Easy to grow, requires but little care. Doz. \$2.75.

CUMBERLAND, Black. For many years the most popular Black Raspberry. Produces enormous crops of large, jet black, firm, sweet berries with a flavor that can't be beaten. Doz. \$2.50.



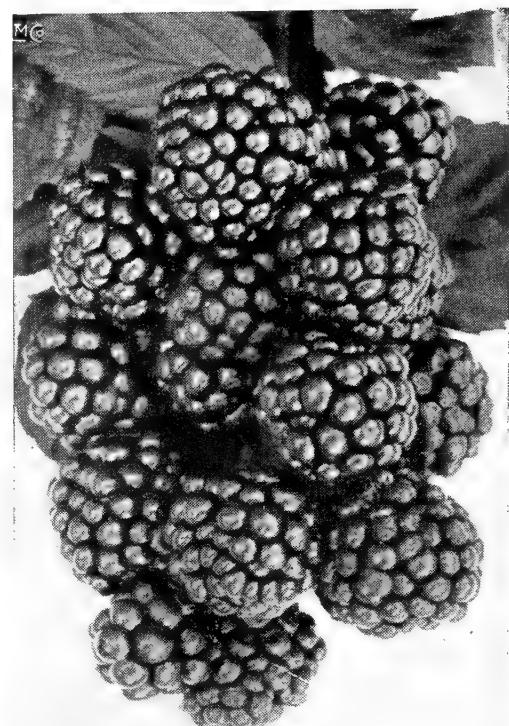
THORNLESS BOYSENBERRY

True thornless variety. Giant berries, 2 inches or more in length, have a tangy flavor, are dark maroon in color and unexcelled for use as fresh fruit, for freezing and canning. Doz. \$2.95.



BLUEBERRIES

The ideal plant for low spots where soil is acid. May be used as an ornamental shrub, as foliage and blooms are very attractive. We have some full, strong plants, 2 to 3 feet high and of bearing age. Each \$2.25, doz. \$25.00.



BLACKBERRY

ELDORADO. A beautiful, glossy Blackberry, almost free of seeds or core. Healthy, quick yielding plants. Hardy. Best for fresh eating. Two-year-old, No. 1, plants. Doz. \$2.50.

DWARF FRUIT TREES

These grow only 6 feet high at maturity, are easy to care for as pruning and spraying can be done without special equipment. They make excellent long-lived ornamentals as well as fruitful trees.

DWARF APPLES—Yellow Delicious, Red Delicious, Baldwin and Stayman.

DWARF PEARS—Clapp's Favorite and Bartlett.

All above: Each \$3.50

NURSERY STOCK

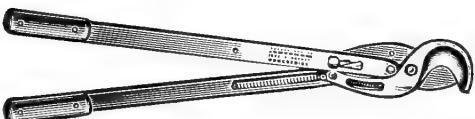
We carry a representative selection of nursery stock of younger and smaller sized plants. We do this for two reasons. First—we do not have space here for a large nursery. Second—we feel you like to find here, good, healthy young trees and shrubs which can be taken home and planted without the aid of the professional gardener. Adam has made his selection as usual with that in mind. We suggest you look over our stock before making the final selection.

The Care of Trees and Shrubs

KELLY BUSH HOOK



One of the best tools for cleaning out brush and undergrowth. Standard ax handle pattern. Made with a blade of solid steel. 36 in. handle. \$3.00.



FORESTER PRUNERS

Large capacity, quick, clean cut with plenty of power in the tool. Invaluable tool for heavy orchard work. Overall length 20 in., \$7.50; 27 in., \$8.50; 34 in., \$9.75.

SPRAYING MATERIALS

ELGETOL. The new non-caustic dormant spray containing no oil. A di-nitro compound. Use 1 pint to 1 quart per 50 gallons of water. Per gal. \$3.50.

SCALECIDE. A complete dormant spray for all fruit and shade trees, shrubs and vines. Spray all shade trees and shrubs any day in the Spring before the buds show green, providing the temperature is not colder than 40 degrees. Qt. \$1.00, gal. \$2.40.

LIME-SULPHUR

A superior apple spray for Summer use. Less russetting and more marketable fruit. Recommended as a dormant spray against certain scale insects.

DRY LIME-SULPHUR. Lb. 40c., 5 lbs. \$1.85.

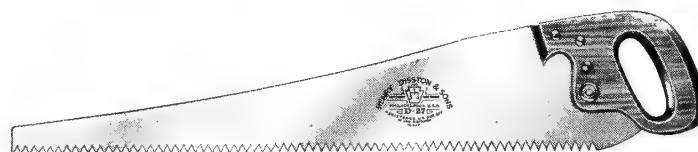
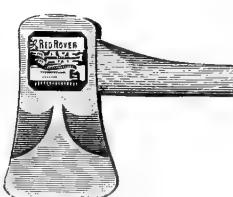
LIQUID LIME-SULPHUR. Qt. 50c., gal. \$1.50

ARSENATE OF LEAD

The best arsenical insecticide for control of most leaf-eating insects damaging fruit and shade trees and certain other plants. Does not burn foliage and sticks best of all arsenicals. Lb. 60c., 4 lbs. \$1.60. (Because prices of lead fluctuate so much, ask for current prices when in need of larger quantities.)

PLUMB AXES

Best grade of steel and iron, tempered and heat-treated. 4-lb. with 30 in. handle. \$3.85.



FRUIT PICKER

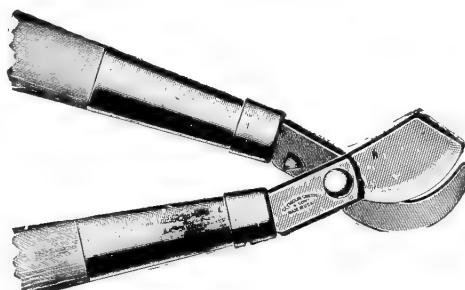
Made of heavy galvanized wire and easily adjusted to pole. The device being so much like the human hand, shows at once the utility of the article. Will gather apples, peaches, pears, etc. Pole not included. 85c.

POLE TREE PRUNERS

Best quality pole pruners with good cutting knife head. Handle 12 ft. long in two sections. \$4.95 each.

PRUNING PAINT

A specially prepared pruning paint containing copper for treating wounds and cuts on trees. $\frac{1}{2}$ pt. 65c., qt. \$1.95, gal. \$2.35.



LOPPING SHEARS

Handy tool for trimming heavy twigs and branches from trees and shrubs.

TRUE TEMPER No. 101, overall length 21 in. Ladies model. \$4.00.

TRUE TEMPER No. 103, overall length 27 in. \$4.50.

SEYMOUR SMITH SNAP-CUT PRUNER. \$4.00.

PRUNING SAWS

DISSTON D27, best quality steel, heavy gauge. 26 in. long. \$5.95.

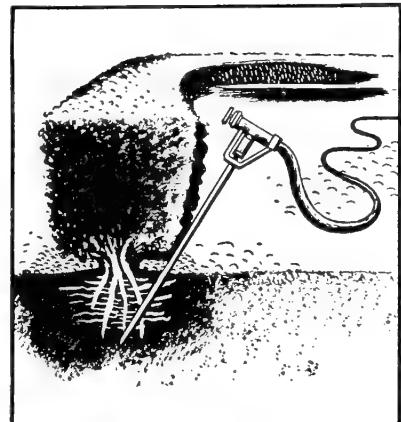
ENGLISH HAND SAW, Sheffield steel, double edged, overall length 20 in. \$1.95.

CURVED ENGLISH HAND SAW, Sheffield steel, overall length 18 in. \$1.45.

SANDVIK SAW with metal bow handle, 4 ft. blade. \$9.00.

ROOT FEEDER AND WATERER

An ideal, scientific tool that feeds as it waters right to the roots in one simple process. If feeding is not necessary, it may be used for watering Roses, evergreens, trees, shrubs, vegetables and everything that grows. Complete with 12 neutral plant food cartridges, \$3.50.



FERTILIZER FOR SHADE TREES

Shade trees can be fertilized in either Spring or Fall with equal results. AGROSTOFOOD 6-6-6 or HUBBARD 7-7-7 are excellent materials for feeding trees. Eight pounds of either should be used for each inch of trunk diameter, i.e., a tree 12 inches in diameter would take approximately 100 lbs. of fertilizer.

AGROSTOFOOD packed in 50-lb. bags, \$7.50 per 100 lbs.

HUBBARD 7-7-7 packed in 80-lb. bags, \$3.25 per bag.

FERTILIZER FOR FRUIT TREES

Fruit trees should be fed a high nitrogenous fertilizer as soon as they are old enough to bear. Use CAL-NITRO or NITRATE OF SODA. This may be broadcast under the trees at the rate of one-fourth pound for each year of age of a tree.

CAL-NITRO 20 $\frac{1}{2}$ % nitrogen, \$6.00 per 100 lbs.

NITRATE OF SODA, 16% nitrogen, \$5.50 per 100 lbs.

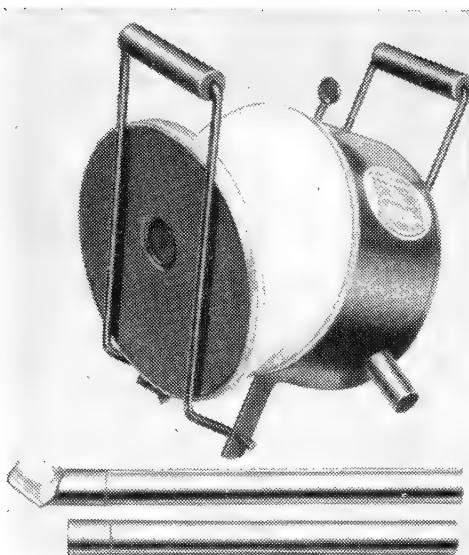
GRAFTING WAX

Trowbridge Grafting Wax is the oldest and best on the market. For budding, grafting, etc., and as a sealer for wounds. $\frac{1}{4}$ lb. 25c., lb. 75c.

HAND EARTH AUGER

Use to bore holes in the soil to feed trees. The earth auger will ease this work. Made of high grade steel, heat-treated. 40 in. over all; 2 in. diameter. \$6.50.

Sprayers and Dusters



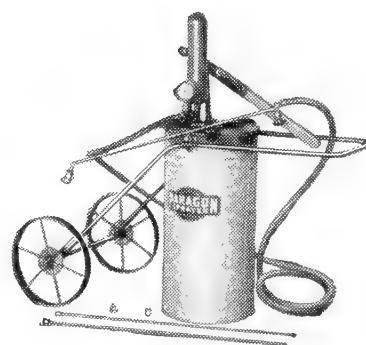
CHAMPION ALL-PURPOSE DUSTER

The pressure created by this hand duster is so great that the operator can stand erect and spray the underside of plant leaves or the tops of small trees. The powder cannot escape on the operator. Eight pounds of powder is carried in this lightweight five-pound duster. A stout leather bellows is the only wearing part and is replaceable at a small cost. If you have much dusting to do and want fool-proof equipment, buy the CHAMPION No. 103. \$10.00.



CHAMPION DUSTING MACHINE No. 102

This double-action duster puts powder where you want it easily and efficiently. Any kind of insecticide or fungicide may be used in the Champion and the flow of dust can be regulated to meet any need. Ten inch opening for filling, large size hopper holds 17 pounds of powder, 30 inch flexible rubber hose, 24 inch discharge pipe, lead coated. Bellows of durable quality leather and protected by being enclosed within the body of the duster. Weighs empty, 14 pounds. Carried like a knapsack. \$27.95.



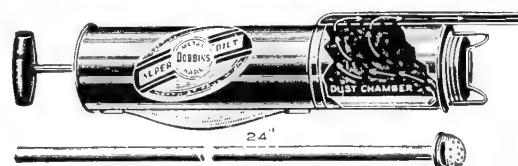
PARAGON SPRAYER

A most efficient and economical spraying outfit. This sprayer owes its popularity to its simplicity of construction and ease of operation together with extraordinary power at the nozzle. Is easily moved about and handles readily in narrow paths, sharp turns, etc. Capacity 12 gallons. Complete with 10-ft. special spray hose, 7½-ft. spray pipe in three sections, three nozzles. Easily and quickly refilled. \$29.50.



DOBBINS BUDGET SPRAYER

Fun-L-Fill for convenience and economy in filling—a great saving of time and costly spray solutions. The tank is built for high pressure and a long period of service. Electric welded seams throughout. Pump is made of seamless brass tubing. Brass nozzles and 20 inches of high pressure spray hose. 2½ gallon capacity, galvanized tank. \$6.50.



DOBBINS DUST GUN

This duster is equipped with a self-lubricating pressure seal valve in plunger which develops an air blast from the very start of the forward stroke of the plunger. The Dust Gun is equipped with a new patented two-way dust cap for dusting over and under leaves. Capacity 1 pound. \$1.55.



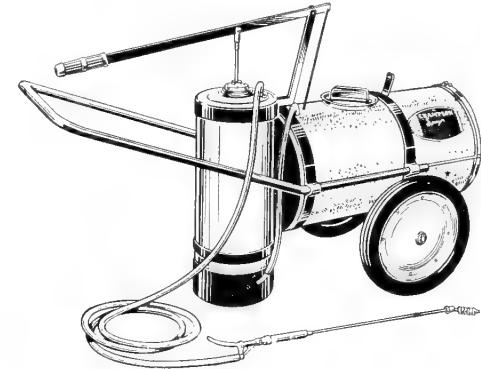
BLIZZARD HAND SPRAYER

A streamlined copper-brass continuous sprayer which will last for years with care. Qt. size, \$3.75.



KEN SPRAYALL

The bucket type sprayer that makes for ease in handling and spraying. Double action valves, all-angle telescope extension reaches hard-to-get-at places, sprays up to 35 feet. Fully adjustable nozzles, all working parts solid brass with approximately 6 feet of neoprene hose. \$7.95.



CHAMPION SELF-LOADING

Compressed Air Wheelbarrow Sprayer. Holds up to 15 gallons of spraying solution. With 50 to 60 strokes of the lever a measured quantity of spraying solution is drawn from auxiliary tank and pressurized. The sprayer will discharge 3½ gallons of liquid at a constant pressure of 75 lbs. without repumping. The stream or mist will reach 30 to 35 feet. \$64.50.

JIM DANDY CART SPRAYER

A really portable compressed air sprayer that makes every spraying job a pleasure. Convenient handle, rubber tired wheels. Tank has large funnel opening for easy and quick filling and cleaning. Air pressure gauge is furnished. 12-ft. of hose, 5 gallon capacity. \$32.50.



Insecticides and Fungicides

FOR GENERAL GARDEN DUSTING

BLACK LEAF ROTENONE DUST. An effective blend of rotenone (1%) and sulphur for the control of many garden insects and disease. Non-poisonous. Lb. 35c., 4 lbs. \$1.25.

ROTENONE BEARING DUST. A straight rotenone dust containing .75% rotenone. May be used safely on anything in the garden. Lb. 50c., 5 lbs. \$1.55.

FOR GENERAL GARDEN SPRAYING

D-X ROTENONE. An exceptionally good rotenone spray with a base of great penetrating qualities. Controls both sucking and chewing insects. Combines with many fungicides. 1½ ozs. 50c., ½ pt. \$1.50.

D-X INSECT SPRAY. A most effective, non-poisonous spray for fruits, flowers, vegetables and ornamentals. It has great spreading and adhering qualities and combines with standard fungicides for an all-purpose spray. 1½ ozs. 50c., ½ pt. \$1.75, qt. \$5.25.

ARSENATE OF LEAD. The old reliable and time-tested insecticide for controlling a wide variety of leaf-eating insects. Lb. 60c., 4 lbs. \$1.60. *Because of constant fluctuation of prices ask for special quotation on larger quantities*

DDT AND CHLORDANE

DOW DDT—50% WETTABLE POWDER. Instantly wettable. Recommended for use on Apples, Potatoes, and other fruits and vegetables, flowers, trees and area spraying such as barns, etc., where a whitish residue is not objectional. Particularly recommended for beetle grubs and chinch bugs in the lawn. Lb. 75c., 3 lbs. \$1.50, 4 lbs. \$1.85, 50-lb. drum \$18.00.

DOWKLOR—40% WETTABLE POWDER (Chlordane). Suitable for use either as a wettable powder or a dust concentrate. Excellent control for ants, roaches, fleas, lice, flies, ticks and a wide variety of insects attacking fruits and vegetables. Leaves a visible residue. Also especially recommended for control of beetle grubs and chinch bugs in the lawn. 4 lbs. \$4.00, 100-lb. drum \$68.00.

DOWKLOR—5% DUST (Chlordane). A finished dust formulation for use against agricultural insect pests. 5 lbs. \$1.25, 10 lbs. \$2.25, 50 lbs. \$9.00.

For further information on use of above in lawns, see page 8.

CONTROLLING ANTS

ANTUBE. The one-drop ant killer that gets the whole nest in 24 hours. For indoor and outdoor use. Small tube, 35c., large tube, \$1.00.

CYANOGAS. A free flowing powder for outdoor use only. Insert spout of can in ant-hill and pour, then cover hole. 4-oz. can 39c., lb. 95c., 5 lbs. \$3.75, 25 lbs. \$12.50.

DOWKLOR 5% DUST. This dust is especially designed for the control of lice, cockroaches, fleas, ants and other crawling insects. Merely apply dust to runways. 1-lb. duster can, 70c.

DUPONT GARDEN PRODUCTS

DUPONT FLORAL DUST. Kills insects and checks diseases on Roses and other flowers, fruit trees and ornamentals. Contains "Fermate" and sulfur for black spot, powdery mildew, rust on Roses and many diseases of other flowers. Also contains methoxychlor and rotenone for Japanese beetles, rose chafers, aphids and many other insects. Will control diseases of fruit such as Apple scab and grape black rot. Use as dust or spray. 8-oz. dust gun, 79c.; 1-lb. canister, \$1.15; 4-lb canister, \$3.50.



DUPONT VEGETABLE GARDEN DUST. Specially formulated to control most insects and diseases in the vegetable garden. Safe to use up to harvest time for the control of bean beetle, potato beetle, Japanese beetle and many other insects through its methoxychlor and rotenone content. Also contains "Parzate," a safe fungicide for the control of early and late blight of Tomatoes, Potatoes, downy mildew of Squash, Cucumbers and Melons. Used as dust or spray. 8-oz. dust gun, 79c.; 1-lb. canister, \$1.15; 4-lb. canister, \$3.50.

DUPONT ROSE DUST. This new quick-acting fungicide stops black spot, rust, powdery mildew and other blights. Also protects Carnations, Snapdragons and Tulips. Contains "Fermate" and sulphur. Use as dust or spray. 8-oz. dust gun, 65c.; 1-lb. canister, \$1.00; 4-lb. canister, \$3.00.

"FERMATE." An especially effective control for black spot and rust of Roses, Septoria leaf spot and rust of Chrysanthemums. Also controls many other diseases of flowers, vegetables, fruits and berries. 8-oz. canister, 75c.

"MARLATE" "(50% TECHNICAL METH-OXYCHLOR). Can be used right up to harvest time because of its low order of toxicity to humans. This marvelous new insecticide kills bean beetle, potato beetle, Japanese beetle, cabbage worm and many others. Safe on tenderest plants. 8-oz. canister, 75c.

"PARZATE" (FUNGICIDE A). Stops early and late blight of Tomatoes, Potatoes; downy mildew of Squash, Cucumbers and Melons. Stops various blights, rusts and leaf spots on Chrysanthemums, Snapdragons, Azaleas and Camellias. (Not for Roses). Contains no copper and will not burn tender plants. 6-oz. canister, 85c.

"ZERLATE." A fungicide for control of certain plant diseases such as blight on Tomatoes and Potatoes, celery leaf spot, rust and anthracnose on beans. Use as a spray or in the preparation of dust mixtures. 3 lbs. \$2.75.

MEALY BUGS, LACE BUGS, RED SPIDER, Etc.

On Rhododendron, Azaleas, Evergreens, etc.
EMO-NIK. An oil emulsion to which has been added 95% free nicotine. The oil acts as a sticker and spreader for the nicotine. Very effective. 4½ oz. 35c., pt. 65c.

SLUGS, SNAILS, CUTWORMS, Etc.

SNAROL. A prepared material which is a most effective means of controlling cutworms, sowbugs, snails and slugs. 1-lb. carton, 35c.; 2½-lb carton, 75c.; 6-lb. carton, \$1.50; 10-lb. bag, \$2.50.

FOR ROSES

FLORAL DUST. See under DuPont Garden Products.

TRIOGEN. A combined spray treatment; fungicide, insecticide and plant stimulant. Excellent for many other garden flowers as well.

- E. ECONOMY KIT (makes 8 qts.), \$1.35. Protects 6 to 12 rose plants for season.
- A. SMALL KIT (makes 16 qts.), \$2.25. Protects 12 to 20 rose plants for season.
- B. MEDIUM KIT (makes 64 qts.), \$6.00. Protects 50 to 80 rose plants for season.
- C. LARGE KIT (makes 32 gals.), \$9.00. Protects 100 to 160 rose plants for season.
- D. ESTATE KIT (makes 128 gals.), \$30.00. Protects 400 to 600 rose plants for season.

MILDEW AND FUNGUS

FERMATE. See under DuPont Garden Products.

SULPHUR. Wettable or Dusting. Recommended for control of mildew, leaf spot, black spot and rust on Roses, Chrysanthemums and other plants. Lb. 35c., 4 lbs. 65c., 10 lbs. \$1.50.

BORDOW. A properly made copper fungicide for use as a preventive of certain fungus diseases attacking fruits, shrubs, Roses, other flowers and vegetables. Particularly effective on Cherries. Lb. 40c., 4 lbs. \$1.25.

FOR APHIS

BLACK LEAF 40. A 40% nicotine solution which is the best contact spray for soft-bodied insects. Oz. 35c., 5 ozs. \$1.10, lb. \$2.50, 2 lbs. \$4.15, 5 lbs. \$7.90, 10 lbs. \$13.70.

FOR HOUSEHOLD USE

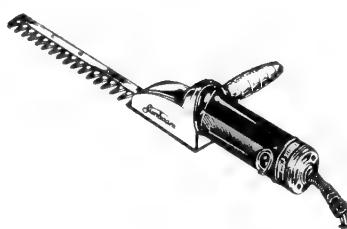
AEROSOL DDT and PYRETHRUM BOMBS. Best adapted for the extermination of lice, ants, ticks, fleas, etc. Not necessary to spray on the insects, but merely release in the air. \$1.95 each.

KNOX-OUT (10% DDT). A dust for control of ants, roaches, fleas, silverfish, etc. 8-oz. duster can, 60c.

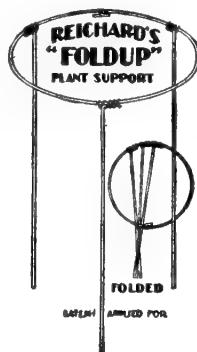
NAPHTHALENE FLAKES AND BALLS

For repelling wire worms, maggots, cutworms, slugs, etc., use one pound to 20 square yards of surface. Also recommended for storing Gladiolus bulbs. Use one ounce to 100 bulbs. 1-lb. of flakes or balls, 25c.

Garden Equipment, Accessories



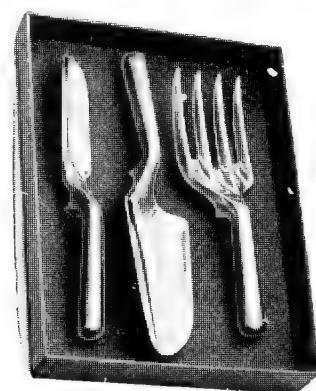
SUNBEAM HEDGE TRIMMER. A well balanced, sturdy, yet light weight electric trimmer. Has 12 inch long cutlery steel blades, hardened and precision ground. Convenient on and off switch in the handle. May be used on AC or DC current. \$37.50.



'FOLDUP' PLANT SUPPORT. A galvanized metal plant support that will not rust. Folds flat when not in use for easy storing. Particularly good for Peonies and Tomatoes. Each, 40c.; doz., \$4.50.

MAGIC WEEDERS. Made of heavy galvanized, flexible wire with flattened ends. The wooden handles are lacquered.

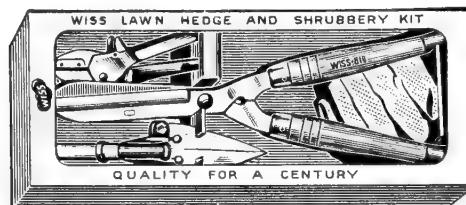
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|-----------------------------------|--------|
| No. A—Shorthandle, 3 tines..... | \$0.15 |
| No. B—Medium handle, 3 tines..... | .25 |
| No. BB—Long handle, 3 tines..... | .45 |
| No. F—Long handle, 4 tines..... | .95 |
| No. G—Long handle, 4 tines..... | 1.35 |



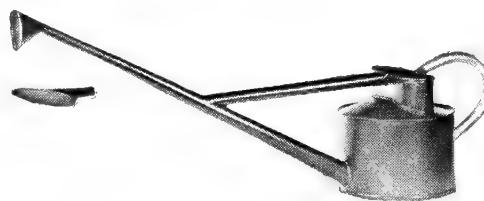
FEATHERLITE GARDEN TOOL SET. Consists of Transplanting Trowel, Cultivating Fork and Garden Trowel. Made of light weight aluminum alloy which is highly polished. Can't rust. Set, \$3.45. Same set in unpolished aluminum, \$1.95.



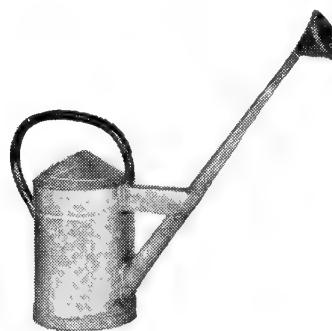
ASPARAGUS KNIFE, V-shaped. Can also be used as a weed cutter and dandelion digger. 50c.



WISS LAWN, HEDGE AND SHRUBBERY KIT. Consists of grass shear, hedge shear, pruning shear, pair cotton garden gloves and 40 page booklet on pruning. Packed in attractive carton. \$8.95.



WATERING POT, FRENCH STYLE. Heavy galvanized steel construction with strongly supported spout. Tubular aluminum handle. Two solid brass roses, extra fine and medium coarse. 6-qt. \$9.95, 8-qt. \$10.35, 10-qt. \$10.80.



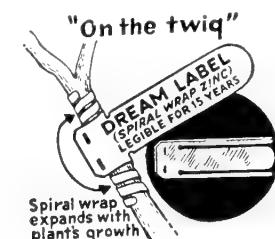
WATERING POT, ENGLISH STYLE. Plated steel construction with tubular copper handle. Finished in red enamel. Two brass roses furnished with each pot. 3-qt. \$7.25, 4-qt. \$9.95, 6-qt. \$10.25, 8-qt. \$10.95, 10-qt. \$11.75.



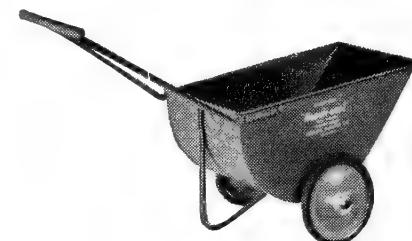
GARDEN LINE REELS. Iron reels finished in blue enamel. Sturdy construction and easy to use. Small size, \$1.95; large size, \$2.75.

MASON LINE for above. Small ball, 35c.; large ball, 60c.

DREAM LABELS. Made of rustless zinc, 1x4 in., with prongs that can be spiralled around stem and will expand with growth. Data etched with acid will remain legible for 10 to 15 years.

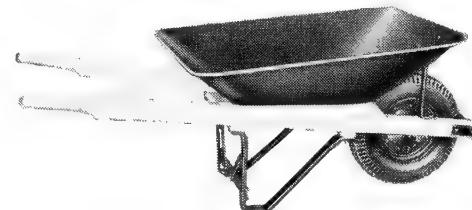


24 Unit size with etchant and pen...\$0.85
50 Unit size with etchant and pen... 1.50
1000 Unit size with etchant and pen...19.00



HANDI-CART. The modern successor to the wheelbarrow, which does many more jobs besides. May be used to move earth, leaves, sand, gravel, wood, ashes, grass clippings, trash, in fact, anything movable around the home grounds. Welded steel body, with heavy duty axle and extra-heavy double disk, all-welded steel wheels with rubber tires.

Model 18-S. 3 cu. ft. \$8.95
Model 20-D. Reinforced 3½ cu. ft. 13.95



WHEELBARROWS

Champion Barrows are most excellent value. The 3 cu. ft. model may be used around the garden and lawn. Handles are tubular steel, tray is 18 gauge double lapped and welded, and wheel has semi-pneumatic tire 10x2.75 with ball bearing axle. \$16.50

Champion Barrow with metal tray and hardwood frame. 3½ cu. ft. capacity. 4.00x8 two-ply pneumatic tire. \$25.00.

Jackson Barrow (Illustrated). A sturdy, heavy duty model. \$27.50.

Dow Magnesium Barrows are light, easy to lift, load and dump. Flat surface bed allows easy carrying of potted plants, flats and bulky objects. Easily stored. Total weight 16 lbs. Made of the world's lightest structural metal. \$29.95.

Tools for the Garden

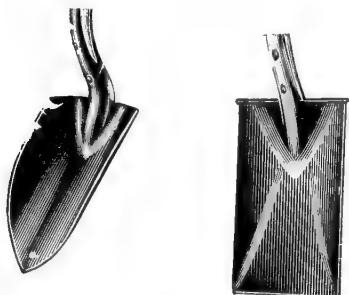
We specialize in TRUE TEMPER tools, because we know full well that a GOOD tool makes a good gardener better.

SHOVELS

D or long handles, round or square points. All True Temper, first quality. \$2.80 each.

Lighter weight, first quality *Garden Club* shovel with head 6x9 in., and painted handle. \$2.20.

Floral shovel in even smaller size but of equal quality, long handle. \$1.90.



SPADES

All True Temper, first quality spades with either D or long handles, square point. \$2.90 each.

Nursery or ladies spade (sometimes called a drain spade) convenient in size and shape for most garden work. Curved narrow blade $4\frac{1}{2} \times 5\frac{1}{4} \times 11\frac{1}{2}$ in. D handle. \$2.90.

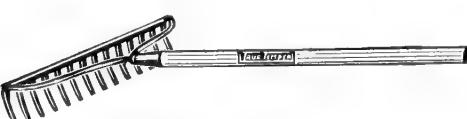


SPADING FORKS

Four tine, heavy duty forks with either D or long handle. \$2.35.

Four tine, *Garden Club* model, lighter weight with painted handle. \$2.15.

Four tine, heavy duty diamond tine fork. English style. Sometimes called a digging fork. \$3.25.



STEEL GARDEN RAKES

Level head rake with spring cushion neck for flexible action. 14 teeth, $5\frac{1}{2}$ ft. handle. True Temper quality. \$1.80.

Ten tooth level head *Garden Club* rake with painted handle. \$2.20.

Bow rake with 15 curved and tapered teeth. 5 ft. handle. \$2.10.

Eight tooth level head floral rake. \$1.20.

LAWNCOMB GRASS RAKES

True temper flat spring teeth in sturdy metal frame. Teeth are replaceable. 18 in. wide, \$2.00; 24 in. wide, \$2.50.



TURF or SOD EDGER

Flat top with foot rest, 9 in. blade, 4 ft. handle. True Temper quality. \$2.00.

POTATO HOOK

Bent head type hook. Five 9 in. tines. Width 8 in., 5 ft. ash handle, fire hardened. Long plain ferrules. \$2.25.

ITALIAN GRAPE or GRADING HOE

Oval eye and blade forged from one solid piece of steel. $3\frac{1}{2}$ ft. oval bent hickory handle. Blade width 7 in., depth under eye $7\frac{3}{8}$ in. \$3.75.



GARDEN HOES

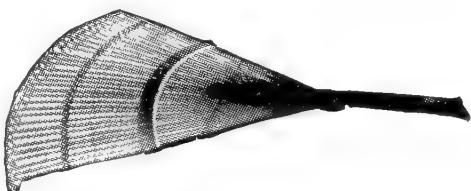
True Temper hoes are the finest quality you can buy.

$2\frac{1}{2}$ in. Cultivator Hoe, blade sharpened on 3 sides. \$1.65.

5 in. Floral Hoe, high tempered steel. \$1.55.

$6\frac{1}{4}$ in. Standard Hoe. \$1.90.

Warren Heart Hoe, 6 $\frac{5}{8}$ in. from point to ear. \$1.90.



BAMBOO RAKES

McGuire's Bamboo Lawn Rake has none of the damaging harshness of steel and due to its construction operates over the lawn like the fingers of a hand without injury to grass. Metal grip adds strength and efficiency, spiral spring permits flexibility. 10 in. shrub rake, 75c.; 18 in. for small lawns, driveways, etc., \$1.50; 24 in. heavy duty, \$2.00; 30 in. for spacious grounds, \$2.75.

OAK and ASH BASKETS

Made of smooth, fibrous splints in numerous sizes for every use.

Round Baskets, 4-bu. capacity.....\$6.00

Round Baskets, 3-bu. capacity.....4.65

Round Baskets, 1-bu. capacity.....2.25

Round Baskets, $\frac{1}{2}$ -bu. capacity.....1.15

GARDEN BASKETS

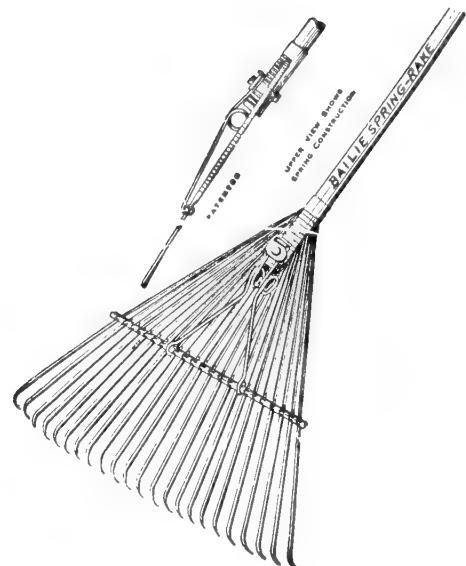
20x10 $\frac{1}{2}$ x6 $\frac{1}{2}$ in. deep.....\$1.50

24x15 x8 $\frac{1}{2}$ in. deep.....1.75

FLOWER and FRUIT BASKETS

24x12x3 $\frac{1}{2}$ in. deep.....\$1.50

20x12x3 $\frac{1}{2}$ in. deep.....1.25



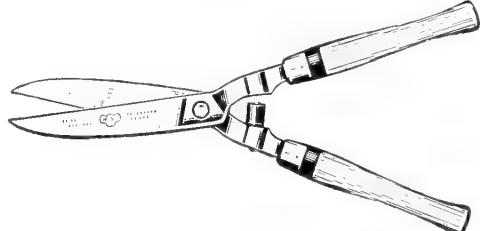
DISSTON SPRING RAKES. Teeth are made of flat spring steel, so well constructed and of such superior quality that we believe it to be the best lawn rake available. 18 teeth, \$2.25; 24 teeth, \$3.00.



TROWELS

True Temper Garden Trowels are in our estimation, the finest made. We personally like the style with drop shank socket, which are forged from one piece of steel and will give a lifetime of hard service. The round wood grips are smooth and comfortable. \$1.75.

Other styles from 25c. to \$1.95.



HEDGE SHEARS

True Temper Dynamic Hedge Shears. Precision built and designed to shear new growth on hedges. Properly cared for, will last a lifetime. 8 in. blade. \$3.00.

WISS Shears made in the English manner with rubber shock absorber, tapered and polished 9 in. blades. A quality product. \$5.00.



CULTIVATORS

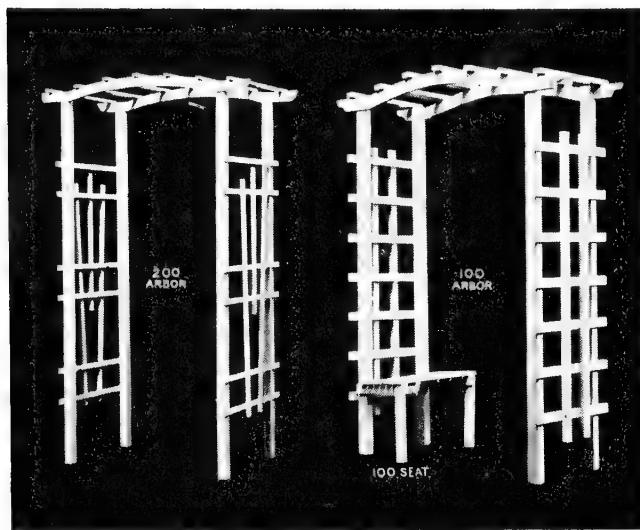
Floral Cultivator, perfect for cultivating flower beds where planting is close. Three tines have sharp points curved at proper angle for penetration and easy pulling. 3 $\frac{1}{4}$ in. wide. \$1.80.

Speedy Cultivator same as above except with four tines. 5 in. wide. \$2.15.

Eureka Hand Weeder and Fork has 3 sharp pointed prongs for weeding, cultivating and mulching. Prongs are curved like fingers. With wooden handle. \$1.45.

Gem Hand Fork has three flat tines, with sharp points. Ideal for breaking ground before transplanting. Short wooden handle. 60c.

Ornaments and Accessories



ARBORS

| | |
|--|---------|
| No. 100. 7½ ft. high x 2 ft. deep x 3½ ft. wide inside; painted one coat of white..... | \$11.50 |
| No. 100. Seat..... | 2.00 |
| Gate..... | 4.50 |
| No. 200. Arbor..... | 9.00 |
| We also have a larger arbor at \$24.75. | |

TRELLIS

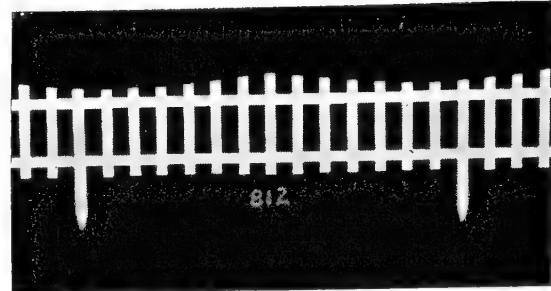
| | |
|--|--------|
| All 8 ft. high, strong and securely nailed, painted one coat of white. | |
| 18 in. wide..... | \$2.00 |
| 24 in. wide..... | 2.25 |
| 30 in. wide..... | 2.50 |

Fan shaped trellis, not illustrated.

| | |
|-----------------|--------|
| 6 ft. high..... | \$1.50 |
| 8 ft. high..... | 1.95 |

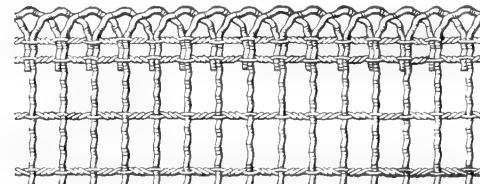
BIRD BATHS

| | |
|---|---------|
| Terra-cotta bird bath is 18 inches in diameter, 26 inches tall, painted white. | \$6.50. |
| Concrete bird baths in Rock or Hand carved tree patterns—both 22 inches in diameter and 27 inches high. | |
| Rock (Illustrated)..... | \$8.75 |
| Hand Carved Tree..... | 11.50 |
| Squirrel (Extra)..... | 2.00 |



PICKET FENCING

| | |
|--|--------|
| Comes in sections, painted one coat of white | |
| 12 in. high x 6 ft. long..... | \$1.95 |
| 18 in. high x 6 ft. long..... | 2.50 |
| 24 in. high x 6 ft. long..... | 4.50 |
| 36 in. high x 6 ft. long..... | 4.75 |



FLOWER BED GUARD

| | |
|---|--------------|
| 11 gauge wire fencing for protecting flower beds and shrubbery. | |
| 16 in. high..... | 2 ft. 25c. |
| 22 in. high..... | 15c. per ft. |

STIKIT WIKIT

| | |
|---|---------------------------------------|
| Metal wickets for protection of beds and borders. Made of hardened steel, enameled green, 21 inches high, 12 inches wide, extended leg for easy alignment. Packed 24 to a carton (enough for 24 ft. fence). | \$1.89 per doz., \$3.75 carton of 24. |
|---|---------------------------------------|

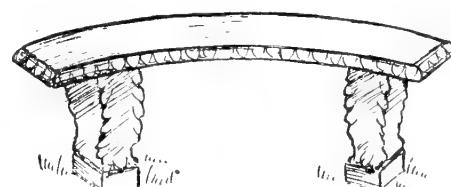


G & O METAL WICKET SHIELDS

Inconspicuous green enameled Wicket Shields protect lawns and beds. Approximately 21 inches high x 13 inches wide. \$1.95 per doz.

GAZING GLOBES

| | |
|---------------------------------|---------|
| Twelve-inch Silvered Globe..... | \$10.00 |
| Terra-cotta White Pedestal..... | 3.50 |

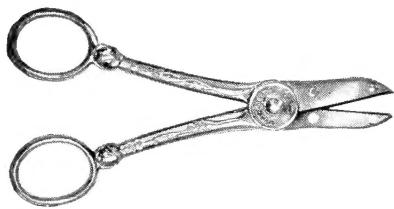


GARDEN BENCHES

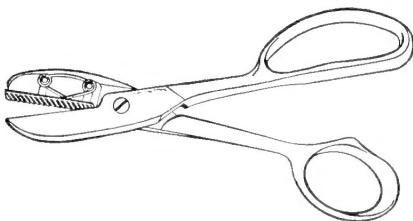
| | |
|--|---------|
| Curved Concrete Bench. 48 in. long.... | \$24.00 |
|--|---------|



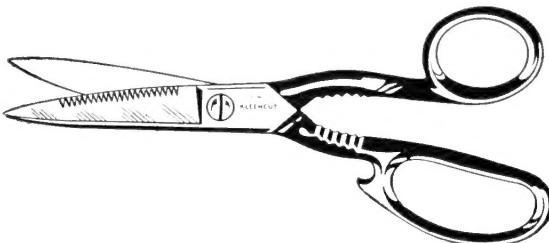
Gadgets for the Flower Arranger



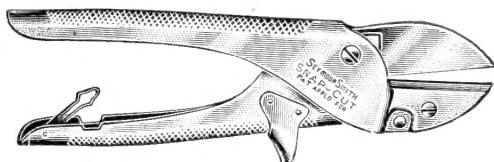
GARDEN CLUB FLOWER GATHERING SHEARS. Gleaming finish, nickel plated shear with stainless steel blades. It cuts and holds stems with one snip. \$2.50.



KLEENCUT FLOWER PICKER. Red enameled handles, blades cut and hold flower. \$1.49.



KLEENCUT SHEARS. Red enameled handles, one blade serrated, 8 inches overall. This shear has many uses around the house and garden. \$1.00.



SNAPCUT PRUNING SHEARS. Unequalled for ease of operation, making a clean, sharp cut. Chrome finish. 8 in. \$2.50, 6 in. \$1.89.



PLANT FOUNTAIN. A handy pliable rubber spray bulb with a curved plastic stem which makes it excellent for watering plants in the home and for watering seedlings. \$1.00.



FLOWER HOLDERS
Needle Point Pin Holders.

| | |
|--|--------|
| Round, 1 1/4 in..... | \$0.25 |
| 1 5/8 in. (Illustrated)..... | .35 |
| 2 1/8 in. (Illustrated)..... | .60 |
| 3 5/8 in. (Illustrated)..... | 1.25 |
| 4 1/4 in..... | 1.95 |
| 6 in..... | 3.00 |
| Oval, 3 1/2 x 1 5/8 in. (Illustrated)..... | .75 |
| 4 1/4 x 2 in..... | 1.25 |
| Interlocking (3 sections). | |
| 3 5/8 x 1 7/8 in..... | 1.50 |
| Dome Type, 2 1/2 in..... | .50 |
| 3 3/8 in..... | .75 |
| 4 1/2 in..... | 1.00 |
| Combination Dome and Pin, 3 1/2 in.... | 2.45 |
| Gift Sets. | |
| 2 pin type and 1 dome type in box. | 1.50 |



TWIST-EMS. Strong, dark green tapes with invisible wire reinforcing. These save a lot of tedious work in the garden when tying up plants. Now the flower arranger finds them indispensable in keeping stems in place when making arrangements.
100—8 in.....25c. 100—16 in.....50c.

Protect Your Hands with these Soft Leather



GLOVES

So easy to wear, yet give you All-Leather DIRT-PROOF protection. Durable, economical, washable. Sizes: Ladies' small, med., large; Men's small, med., large.

EEZY WEAR GARDEN GLOVES

| | |
|-----------------------|--------|
| Sizes 6, 7 and 8..... | \$1.25 |
| Sizes 9 and 10..... | 1.50 |

KREME-SKIN GLOVES.

A very soft and pliable white glove.

| | |
|----------------------------------|--------|
| Sizes for ladies—6, 7 and 8..... | \$1.95 |
| Sizes for men—9 and 10..... | 1.95 |

GREEN THUMB GLOVES

Small, medium and large. 79c. pair.

HAEGER POTTERY. This pottery is known for its dependable quality and striking designs that do not detract from flower arrangements. We carry a rather representative stock of both Regular and Royal Haeger pottery. The Regular line includes many styles and sizes of inexpensive bowls, vases and flower pots, both pleasing and colorful. The Royal line includes many unusual but tasteful containers of all kinds with a beautiful glazed finish.

HYPONEX. A complete and balanced plant food. Diluted with water, one teaspoonful makes one gallon; 1 lb. makes 100 gallons. Clean, odorless and harmless. Will not cake, spoil or lose its vitality. 3 ozs. 25c., 7 ozs. 50c., lb. \$1.00, 10 lbs. \$8.00.



FLORALIFE. When added to the water the life and beauty of your cut flowers will be prolonged.

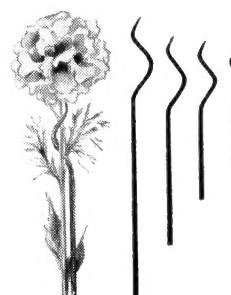
Pkt. (makes 2 qts.).....\$0.10
Handy Home Size (makes 30 qts.)..... 1.00



PLANTABBS. A complete plant food for house plants with Vitamin B-1 added. It is odorless, clean and easy to handle.

10 tablets.....10c. 30 tablets.....25c.
200 tablets.....\$1.00

TWIN PAIL FLOWER GATHERER. Consists of two sizes of flower pails attached to handle. Made of sturdy galvanized iron with dark green baked enamel finish. Now you can take your time when picking your flowers and still have them fresh when you reach the house. \$6.75.



SLN MINIATURE PLANT STAKES.

For easy and inconspicuous staking of house plants. A simple twist holds the plant, no tying necessary. 18 to a pkg. (6 each of 3 lengths). \$1.25

Some of the Books You Need and Want

ALL ABOUT HOUSE PLANTS—*Montague Free*. Full information on what to grow and how to grow it. Illus. \$3.50.

AMERICA'S GARDEN BOOK—*Bush-Brown*. Informative chapters giving detailed information on all subjects of interest to the home gardener. Illus. \$4.00.

ANNUAL FLOWERS—*Dorothy H. Jenkins*. Has chapters on the growing, knowing and using of annuals with lists for quick reference. \$2.75.

AROUND THE GARDEN—*Dorothy H. Jenkins* (Garden Editor of *New York Times*). Full of hints for improving the home garden. \$2.50.

ARTIFICIAL MANURES—*A. B. Beaumont*. This book treats the problem of soil organic matter, with particular attention to the preparation and use of artificial manures, including cover crops and green manures. \$2.00.

AZALEAS—KINDS AND CULTURE—*H. H. Hume*. In this book is presented all of the up-to-date information on the successful growing of this popular shrub. Illus. \$3.75.

THE BOOK OF PERENNIALS—*A. C. Hottes*. Hundreds of perennials are described in simple, practical language, with chapters on culture, use and propagation. Illus. \$2.75.

BULBS FOR BEAUTY—*C. H. Mueller*. Complete story of bulbs from first Spring Crocus to the last Autumn Lily. \$3.50.

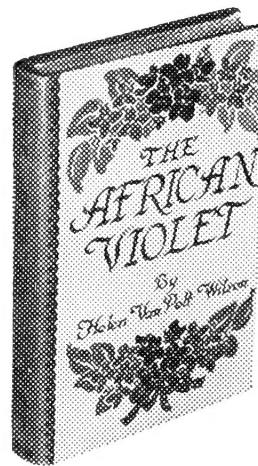
CLIMBERS AND GROUND COVERS—*A. C. Hottes*. This is the most comprehensive book on the subject for all sections of the U. S. Illus. \$3.00.

THE COMPLETE BOOK OF FLOWER ARRANGEMENT—*Rockwell and Grayson*. The most complete book on the art of flower arrangement ever published. Illus. \$4.95.

THE COMPLETE BOOK OF GARDEN MAGIC—*Roy E. Biles*. Well illustrated and complete accurate information covering just about every subject of interest to the average home gardener. Particularly good for the beginner. \$3.50.

FAVORITE FLOWERS IN COLOR—Edited by *E. L. D. Seymour*, and a corps of experts. 300 color plates showing over 800 flowers in natural color as well as much practical information. \$4.95.

FRUITS FOR THE HOME GARDEN—*U. P. Hedrick*. A practical book for the gardener selecting and planting fruits in the home garden. If you have room for a peach tree or a few raspberries or strawberries, you need this book. \$3.00.



THE AFRICAN VIOLET—*Helen Van P. Wilson*. Everything you will need to know if this interesting plant is your hobby. Illus. \$2.50.

GARDEN BULBS IN COLOR—*McFarland, Hatton and Foley*. Full of color plates of bulbs plus descriptive matter and essential cultural information. \$2.95.

GARDEN FLOWERS IN COLOR—*D. J. Foley*. 350 color illustrations of garden flowers with brief cultural instructions for each. \$2.95.

THE GARDEN WORKBOOK AND DIARY—Day by day hints for the gardener with spaces for your own notes. \$2.50.

THE GARDENER'S BUG BOOK—*Cynthia Westcott*. Covers 1000 insect pests and their control. Illus. \$4.95.

GARDENING—A Complete Guide—*Montague Free*. It contains all of the information necessary to enable anyone to make and maintain a garden. \$4.00.

GARDENING IN THE SHADE—*H. K. Morse*. Just the book for those who are baffled by the handicap of shade. Illus. \$5.00.

GARDENING WITH SHRUBS and Small Flowering Trees—*M. D. Lamson*. A complete guide to purchasing, upkeep, pruning and transplanting, with lists of shrubs for different uses. Illus. \$3.00.

GREENHOUSE GARDENING FOR EVERYONE—*E. Chabot*. A book which answers all questions on gardening under glass in non-technical language. \$4.00.

HOME GARDENERS SCRAPBOOK—A three ring, loose leaf scrapbook with pages for clippings, envelopes for booklets, etc., index tabs and gummed page headings. \$2.49.

HOW TO GROW ROSES—*McFarland and Pyle*. Answers all questions about location of rose beds, soil preparation, fertilizer, selection of varieties and blooming habits. There are also chapters on fighting pests and protection of Roses in Summer and Winter. Illus. \$2.49.

HOW TO INCREASE PLANTS—*A. C. Hottes*. Gives information to the amateur on how to multiply desirable plants by the most suitable methods of propagation, seeds, cuttings, divisions, grafting, etc. Illus. \$3.00.

IRIS FOR EVERY GARDEN—*S. B. Mitchell*. A book for the amateur or the specialist which takes up the history of the Iris and gives information about different types, discusses breeding, culture, diseases and insects and gives hints for planning your garden with Iris. Illus. \$3.00.

LILIES FOR AMERICAN GARDENS—*G. L. Slater*. Covers classification, breeding and propagation, culture, diseases and pests, plus numerous illustrations. \$5.00.

MAINTENANCE OF SHADE AND ORNAMENTAL TREES—*P. P. Pirone*. An excellent reference manual for all kinds of trees. Gives complete information. \$6.50.

THE NEW GARDEN ENCYCLOPEDIA—Edited by *E. L. D. Seymour*. The alphabetical arrangement of subjects makes it easy to find just what you want to know quickly and easily. Illus. \$5.00.

PROPAGATION OF PLANTS—*Kains and McQuesten*. This book should find a place in the library of every grower of plants. Illus. \$4.00.

ROSES FOR EVERY GARDEN—*R. C. Allen*. An excellent list of varieties by color, classification and use. \$3.50.

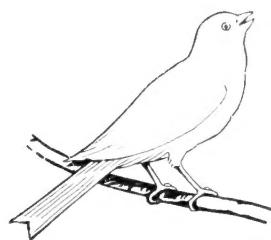
TAYLOR'S ENCYCLOPEDIA OF GARDENING—Edited by *Norman Taylor*. This book is alphabetically arranged and designed to give instant access to accurate information on every conceivable garden question. \$5.00.

10,000 GARDEN QUESTIONS ANSWERED—Edited by *F. H. Rockwell*. Real questions from real amateurs, with brief authoritative answers. Helpful diagrams and illustrations. A truly good book. \$4.95.

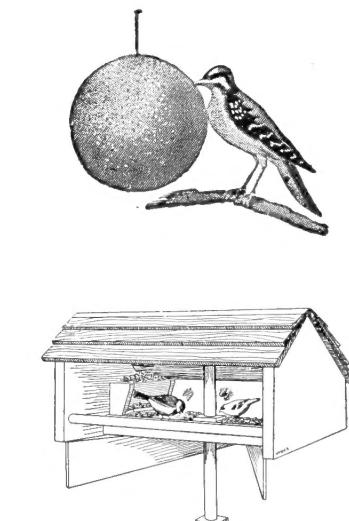
TREES, SHRUBS AND VINES for the Northeastern United States—*G. Graves*. Contains a short description of each, and gives many suggestions for culture, propagation and pruning, also pest control measures. There is also a chapter on how to shop for trees, shrubs and vines. \$3.00.

We will also be glad to take subscriptions for your favorite garden magazines.

Encouraging Friendly Birds



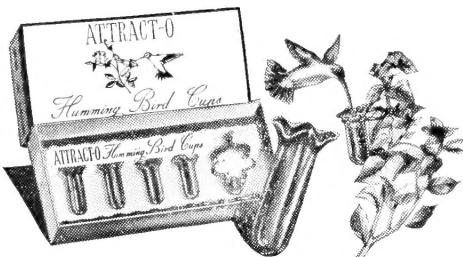
Birds wage a constant battle against insect pests which makes it profitable as well as entertaining and educational to encourage them to stay around. Feed the birds until Spring is advanced enough so that nature will provide them with all the food they need. At the first hint of Spring put out nesting material and get the bird houses up, choosing those for several species rather than all one type. It isn't necessary to put out food during late Spring, Summer and early Fall but as soon as the natural food supply starts to dwindle, fill the feeders and thus encourage many birds to stay around all Winter.



Cape Cod Inn



BISHOP SUET RACK (and Nesting Material Rack). Self closing as the birds eat the cake, so that they can reach the last crumb. Hang from tree, bush or arbor. Attractive to Chickadees, Nuthatches and many other species. During the mating season this rack may be used to hold nesting material for the birds. Complete with suet cake, \$1.55.

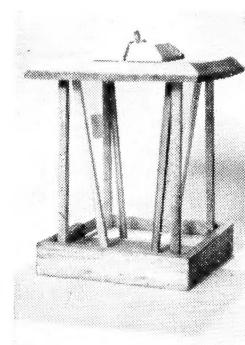


HUMMINGBIRD FEEDERS. Four jewel-colored feeders with wire holders. These holders fastened to tree or bush and kept filled with sugar water are sure to attract the delightful hummingbirds. \$1.25.

BISHOP COMBINATION SHELTER. In the Winter it serves as a feeding station and in the Spring as a nesting shelter for Robins. The suet basket is removable. \$3.30.

BISHOP COMBINATION FEEDER. This feeder holds one Bishop Suet Cake and 1½ lbs. of seed thus attracting both suet and seed feeding birds. \$4.65.

WOODLAND LANTERN FEEDER. The hopper has 4 glass sides which makes the seed visible. Holds 3 lbs. of seed. \$4.00.



BISHOP BLUEBIRD HOUSES

No. 81. Unique in design but thoroughly practical. Rustic ends. Sides and top of mixtone roofing material. Removable floor for cleaning. Height 8 in. \$1.50.

No. 12. Here is a favorite house for the Bluebirds. Of rustic hemlock, has a flat back for mounting against tree trunk or pole. Roof is removable. Height 10 in. \$2.70.

BISHOP WREN HOUSES

No. 30. An attractive home of simple yet pleasing design. The bottom may be opened for cleaning by simply loosening 2 screws. \$1.50.

No. 31. Another wren home made of cypress and rustic hemlock. The side is removable for cleaning. \$2.25.

PEANUT BUTTER BALLS. A complete life sustaining food for wintering wild birds. They can be suspended by the wire hanger from a branch, arbor or window nail. Pkg. of four, \$1.50.

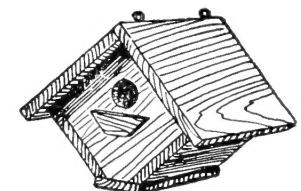
SUET CAKES. Molded of pure suet and a dozen varieties of seeds, grains and berries. Each 35c., 3 for \$1.00.

BIRD SEED. Scarlett's Wild Bird Seed is a complete balanced diet which consists of only the whole rich seeds that birds love. 5 lbs. 85c., 25 lbs. \$4.00, 50 lbs. \$7.75, 100 lbs. \$15.00.

SUNFLOWER SEED. 3 lbs. 95c.



No. 31

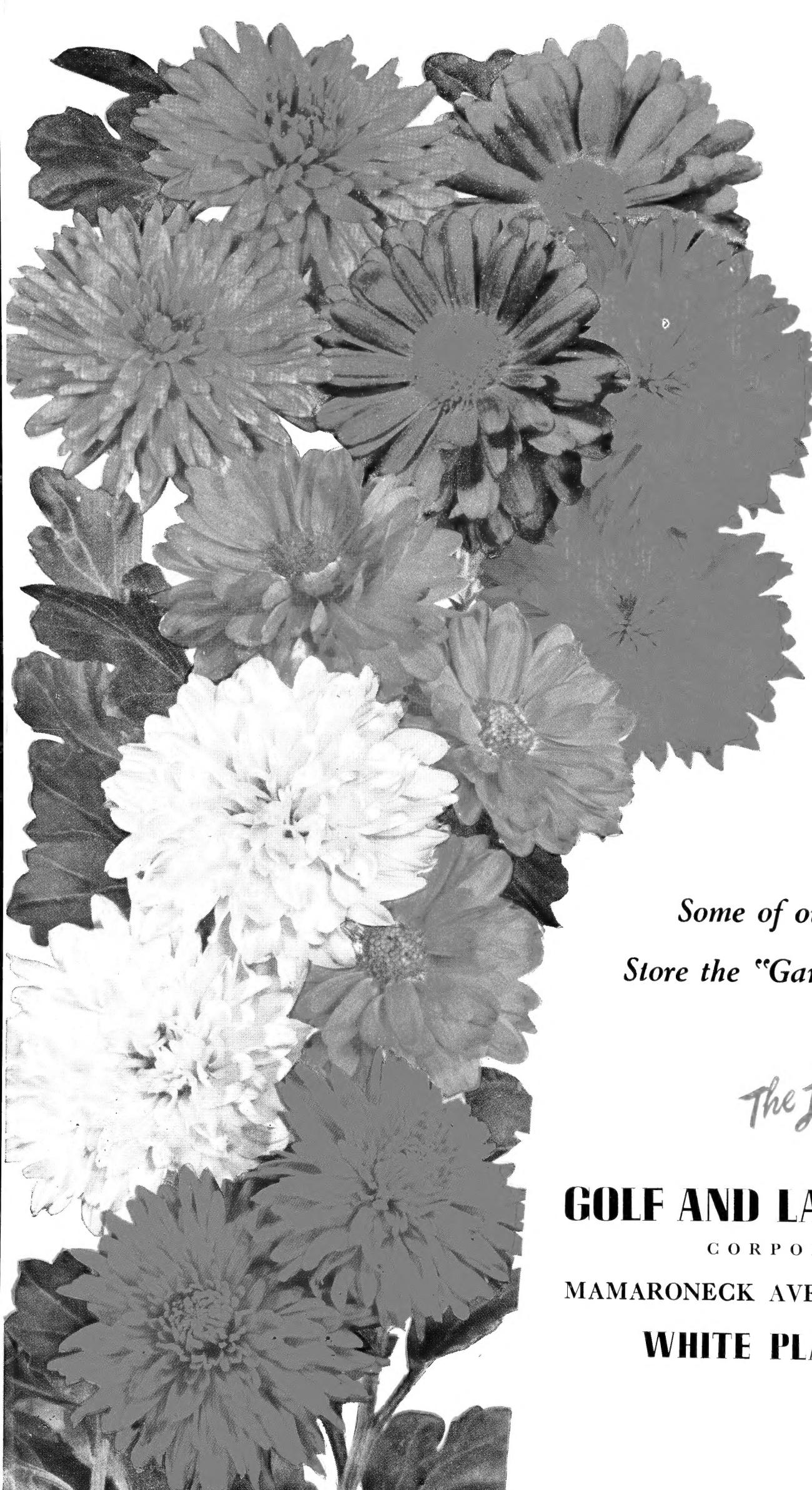


No. 30

CLYMER BIRD FEEDING STATION. Fasten several of these handy feeders where you can watch the birds enjoying your hospitality. Station is complete with suet, seeds and grains, ready to hang. \$1.50. Refills, 3 for \$1.25.

BISHOP WINDOW FEEDER. The glass roof protects the food from weather and permits one to observe the birds. Comes in 2 sizes. Large, \$6.60; small, \$4.80.

CAPE COD INN. This is a spacious revolving feeder, sparkling white with green roof. Easy to install on any post. Vanes keep front faced toward the wind and weather thus protecting the interior. 16x23 in. \$14.50.



Chrysanthemums

Many of you saw our Chrysanthemums in bloom last Fall, both the field-grown plants which we sold in bloom and the special novelty and exhibition varieties which we grew under cloth and used for display purposes only. This Spring we will have all of these, plus a few new varieties, in $2\frac{1}{2}$ inch pots, ready to plant and grow in the garden. By selecting some of the earlier and later blooming varieties, bloom can be had from late August to heavy frost.

With a few exceptions the regular garden varieties of Mums will be 45c. each, or \$1.25 for 3 plants. The novelty and exhibition varieties will be 75c. each.

*Some of our Friends Call our
Store the "Gardeners' Clubhouse"*

The Laffkins

GOLF AND LAWN SUPPLY

C O R P O R A T I O N

MAMARONECK AVENUE AT ROSEDALE

WHITE PLAINS, N. Y.